

ANNUAL STATEMENT

For the Year Ended December 31, 2017

of the Condition and Affairs of the

FACTORY MUTUAL INSURANCE COMPANY

Name	Title		Name	Т	itle
		OFFICERS			
	(E-Mail Address)			(Fax	x Number)
	jeffrey.black@fmglob	oal.com		401-	-946-8306
	(Name)			(Area Code) (Telephone	, , ,
Statutory Statement Contact	Jeffrey Black			401-	-415-1559
Internet Web Site Address	www.fmglobal.com	(,,,,		(* **** *****)	(
,		(City or Town, State, Country and		(Area Code)	(Telephone Number)
Primary Location of Books and Records		O. Box) (City or Town, State, C Johnston RI US			-275-3000
Mail Address		ohnston RI US 029			
	(Street and Number)	(City or Town, State, Country and	' '	(Area Code)	(Telephone Number)
Main Administrative Office	270 Central Avenue.	Johnston RI US	. 02919-4949	401-	-275-3000
	(Street and Number)	(City or Town, State, Country and	Zip Code)		
Statutory Home Office	270 Central Avenue.	Johnston RI US	02919-4949		
Incorporated/Organized October 31, 18	35	Commenced Br	usiness Octobe	r 31, 1835	
Organized under the Laws of RI		nicile or Port of Entry RI			US
(Current Period) (Prior Period	,	: "		0 ((D : "	
NAIC Group Code0005, 0005		any Code 2 1402	⊏IIIpioy	ei s id Nullibei 05-0	J3 10003

President & Chief Executive Officer 2. Jonathan Irving Mishara Senior Vice President & Secretary 1. Thomas Alan Lawson 4. William Alfred Mekrut # Vice President & Controller Vice President & Treasurer 3. Theresa Ann Molloy **OTHER** Kevin Scott Ingram Bret Nils Ahnell **Executive Vice President** Senior Vice President Jonathan William Hall **Chief Operating Officer** Christopher Johnson **Executive Vice President** Paul Edward LaFleche Senior Vice President Jeanne Ruth Lieb Senior Vice President Jonathan Irving Mishara Senior Vice President Enzo Rebula Senior Vice President Michael Robert Turner **Executive Vice President**

DIRECTORS OR TRUSTEES

Frank Thomas Connor John Anderson Luke Jr Edward Joseph Rapp Glenn Rodney Landau # Colin Richard Day Gracia Catherine Martore Shivan Sivaswamy Subramaniam Daniel Lee Knotts Christine Mary McCarthy Israel Ruiz Thomas Alan Lawson Stuart Blain Parker Michel Giannuzzi

State of...... Rhode Island County of..... Providence

The officers of this reporting entity being duly swom, each depose and say that they are the described officers of said reporting entity, and that on the reporting period stated above, all of the herein described assets were the absolute property of the said reporting entity, free and clear from any liens or claims thereon, except as herein stated, and that this statement, together with related exhibits, schedules and explanations therein contained, annexed or referred to, is a full and true statement of all the assets and liabilities and of the condition and affairs of the said reporting entity as of the reporting period stated above, and of its income and deductions therefrom for the period ended, and have been completed in accordance with the NAIC Annual Statement Instructions and Accounting Practices and Procedures manual except to the extent that: (1) state law may differ; or, (2) that state rules or regulations require differences in reporting not related to accounting practices and procedures, according to the best of their information, knowledge and belief, respectively. Furthermore, the scope of this attestation by the described officers also includes the related corresponding electronic filing with the NAIC, when required, that is an exact copy (except for formatting differences due to electronic filing) of the enclosed statement. The electronic filing may be requested by various regulators in lieu of or in addition to the enclosed statement.

(Signature)		(Signature)		(Signature)
Thomas Alan Lawson		than Irving Mishara		Theresa Ann Molloy
1. (Printed Name)	2	. (Printed Name)		3. (Printed Name)
President & Chief Executive Officer	Senior Vi	ice President & Secre	tary V	ice President & Controller
(Title)		(Title)		(Title)
Subscribed and sworn to before me		a. Is this an	original filing?	Yes [X] No []
This 23rd day of February	2018	b. If no	1. State the amendment number	
John A. Soares III Notary Public	_		2. Date filed	·
Expires July 5, 2021			3. Number of pages attached	
				·

Annual Statement for the year 2017 of the FACTORY MUTUAL INSURANCE COMPANY ASSETS

	7.00	Current Year			Prior Year
		1	2 Nonadmitted	3 Net Admitted Assets	4 Net
		Assets	Assets	(Cols. 1 - 2)	Admitted Assets
1.	Bonds (Schedule D)	4,522,442,521		4,522,442,521	4,229,339,398
2.	Stocks (Schedule D):				
	2.1 Preferred stocks			0	
	2.2 Common stocks	10,220,077,668		10,220,077,668	8,998,941,237
3.	Mortgage loans on real estate (Schedule B):				
	3.1 First liens				
	3.2 Other than first liens			0	
4.	Real estate (Schedule A):				
	4.1 Properties occupied by the company (less \$0 encumbrances)			0	
	4.2 Properties held for the production of income (less \$0 encumbrances)			0	
	4.3 Properties held for sale (less \$0 encumbrances)			0	
5.	Cash (\$254,128,195, Schedule E-Part 1), cash equivalents (\$739,900,999, Schedule E-Part 2) and short-term investments (\$36,023,896, Schedule DA)	1,030,053,090		1,030,053,090	718,368,255
6.	Contract loans (including \$0 premium notes)			0	
7.	Derivatives (Schedule DB)			0	
8.	Other invested assets (Schedule BA)	1,903,317,568		1,903,317,568	1,916,532,990
9.	Receivables for securities	1,705,619		1,705,619	2,251,622
10.	Securities lending reinvested collateral assets (Schedule DL)	44,119,498		44,119,498	48,419,145
11.	Aggregate write-ins for invested assets	0	0	0	0
12.	Subtotals, cash and invested assets (Lines 1 to 11)	17,721,715,964	0	17,721,715,964	15,913,852,647
13.	Title plants less \$0 charged off (for Title insurers only)			0	
14.	Investment income due and accrued	54,078,664		54,078,664	51,741,609
15.	Premiums and considerations:				
	15.1 Uncollected premiums and agents' balances in the course of collection	579,243,454	51,829,073	527,414,381	530,215,499
	15.2 Deferred premiums, agents' balances and installments booked but deferred				
	and not yet due (including \$0 earned but unbilled premiums)			0	
	15.3 Accrued retrospective premiums (\$0) and contracts subject to redetermination (\$0)			0	
16.	Reinsurance:				
	16.1 Amounts recoverable from reinsurers				
	16.2 Funds held by or deposited with reinsured companies	13,653,457		13,653,457	10,048,948
	16.3 Other amounts receivable under reinsurance contracts				
17.	Amounts receivable relating to uninsured plans			0	
18.1	Current federal and foreign income tax recoverable and interest thereon	488,828,432		488,828,432	40,573,091
18.2	Net deferred tax asset			0	
19.	Guaranty funds receivable or on deposit	161,009		161,009	191,916
20.	Electronic data processing equipment and software	35,850,447	31,213,843	4,636,604	4,478,833
21.	Furniture and equipment, including health care delivery assets (\$0)	45,878,450	45,878,450	0	
22.	Net adjustment in assets and liabilities due to foreign exchange rates			0	
23.	Receivables from parent, subsidiaries and affiliates	24,439,698	24,439,698	0	
24.	Health care (\$0) and other amounts receivable			0	
25.	Aggregate write-ins for other-than-invested assets	395,513,283	214,853,228	180,660,055	135,748,656
26.	Total assets excluding Separate Accounts, Segregated Accounts and Protected Cell Accounts (Lines 12 to 25)	19,523,679,187	368,214,292	19,155,464,895	16,764,262,160
27.	From Separate Accounts, Segregated Accounts and Protected Cell Accounts			0	
28.	TOTAL (Lines 26 and 27)	19,523,679,187	368,214,292	19,155,464,895	16,764,262,160
		F WRITE-INS			
	Summary of remaining write-ins for Line 11 from overflow page				0
	Totals (Lines 1101 through 1103 plus 1198) (Line 11 above)				
	Pension asset			0	
	CSV life insurance			102,501,036	
	Cash clearing accounts			69,008,836	
	Summary of remaining write-ins for Line 25 from overflow page				
2599	Totals (Lines 2501 through 2503 plus 2598) (Line 25 above)	395,513,283	214,853,228	180,660,055	135,748,656

Annual Statement for the year 2017 of the FACTORY MUTUAL INSURANCE COMPANY

LIABILITIES, SURPLUS AND OTHER FUNDS

		1 Current Year	2 Prior Year
1.	Losses (Part 2A, Line 35, Column 8)	3,326,000,928	1,742,695,515
2.	Reinsurance payable on paid losses and loss adjustment expenses (Schedule F, Part 1, Column 6)	29,520,143	96,927,855
3.	Loss adjustment expenses (Part 2A, Line 35, Column 9)	210,946,724	158,637,459
4.	Commissions payable, contingent commissions and other similar charges		
5.	Other expenses (excluding taxes, licenses and fees)	514,970,773	538,874,056
6.	Taxes, licenses and fees (excluding federal and foreign income taxes)	17,125,138	20,127,937
7.1	Current federal and foreign income taxes (including \$0 on realized capital gains (losses))		
7.2	Net deferred tax liability	562,454,668	538,576,000
8.	Borrowed money \$0 and interest thereon \$0.		
9.	Unearned premiums (Part 1A, Line 38, Column 5) (after deducting unearned premiums for ceded reinsurance of \$480,221,857 and including warranty reserves of \$0 and accrued accident and health experience rating refunds including \$0 for medical loss ratio rebate per the Public Health Service Act)	1,260,073,503	1,391,724,586
10.	Advance premium	6,574,803	1,009,636
11.	Dividends declared and unpaid:		
	11.1 Stockholders		
	11.2 Policyholders		
12.	Ceded reinsurance premiums payable (net of ceding commissions)		275,709,950
13.	Funds held by company under reinsurance treaties (Schedule F, Part 3, Column 19)		7,463,784
14.	Amounts withheld or retained by company for account of others	-, -,	11,609,375
15.	Remittances and items not allocated		7,506,434
16.	Provision for reinsurance (including \$49,600 certified) (Schedule F, Part 8)		99,917,267
17.	Net adjustments in assets and liabilities due to foreign exchange rates		200,392,464
18.	Drafts outstanding		
19.	Payable to parent, subsidiaries and affiliates		• •
20.	Derivatives		
21.	Payable for securities		
22.	Payable for securities lending		
23.	Liability for amounts held under uninsured plans		
24.	Capital notes \$0 and interest thereon \$0.		
25.	Aggregate write-ins for liabilities		
26.	Total liabilities excluding protected cell liabilities (Lines 1 through 25)		
27.	Protected cell liabilities		
	Total liabilities (Lines 26 and 27)		
29.	Aggregate write-ins for special surplus funds		
30.	Common capital stock		
31.	Preferred capital stock		
32.	Aggregate write-ins for other-than-special surplus funds		
33. 34.	Surplus notes		
	Unassigned funds (surplus)		
	Less treasury stock, at cost:	12,500,527,004	11,510,105,507
30.	36.10.000 shares common (value included in Line 30 \$0)		
	36.20.000 shares preferred (value included in Line 30 \$0)		
37.	Surplus as regards policyholders (Lines 29 to 35, less 36) (Page 4, Line 39)		
38.	TOTAL (Page 2, Line 28, Col. 3)		
	DETAILS OF WRITE-INS		70,101,202,100
2501.	Miscellaneous accounts payable	79,179,052	54,818,572
	SSAP 92 defined benefit plan contra liability		
	Summary of remaining write-ins for Line 25 from overflow page		
	Totals (Lines 2501 through 2503 plus 2598) (Line 25 above)		
	Summary of remaining write-ins for Line 29 from overflow page		
	Totals (Lines 2901 through 2903 plus 2998) (Line 29 above)		
	Guaranty funds		
3202.			
3298.	Summary of remaining write-ins for Line 32 from overflow page	0	0
3299.	Totals (Lines 3201 through 3203 plus 3298) (Line 32 above)	1,250,000	1,250,000

Annual Statement for the year 2017 of the FACTORY MUTUAL INSURANCE COMPANY STATEMENT OF INCOME

	OTATEMENT OF INCOME		
	UNDERWRITING INCOME	1	2
1		Current Year	Prior Year
1.	Premiums earned (Part 1, Line 35, Column 4) DEDUCTIONS:	3,026,293,802	2,819,104,150
2.	Losses incurred (Part 2, Line 35, Column 7)	3 167 000 080	1,436,643,626
3.	Loss adjustment expenses incurred (Part 3, Line 25, Column 1)		99,351,892
	Other underwriting expenses incurred (Part 3, Line 25, Column 2)		812,187,376
5.	Aggregate write-ins for underwriting deductions		012,167,370
6.	Total underwriting deductions (Lines 2 through 5)		
7.	Net income of protected cells		
8.	Net underwriting gain (loss) (Line 1 minus Line 6 plus Line 7)		
0.	INVESTMENT INCOME	(1,107,170,017)	
9.	Net investment income earned (Exhibit of Net Investment Income, Line 17)	260.452.588	242,762,854
	Net realized capital gains (losses) less capital gains tax of \$93,317,000 (Exhibit of Capital Gains (Losses))		135,637,059
11.	Net investment gain (loss) (Lines 9 + 10)		378,399,913
	OTHER INCOME		
12.	Net gain (loss) from agents' or premium balances charged off (amount recovered \$0		
	amount charged off \$338,093)	(338,093)	(433,879)
13.	Finance and service charges not included in premiums		
14.	Aggregate write-ins for miscellaneous income	(4,317,358)	(13,268,344)
15.	Total other income (Lines 12 through 14)	(4,655,451)	(13,702,223)
16.	Net income before dividends to policyholders, after capital gains tax and before all other federal and foreign		
	income taxes (Lines 8 + 11 + 15)		835,618,946
	Dividends to policyholders		
18.	Net income, after dividends to policyholders, after capital gains tax and before all other federal and foreign	()	
	income taxes (Line 16 minus Line 17)	-	
19.	Federal and foreign income taxes incurred		
20.	Net income (Line 18 minus Line 19) (to Line 22)	(333,403,925)	601,561,975
	CAPITAL AND SURPLUS ACCOUNT		
	Surplus as regards policyholders, December 31 prior year (Page 4, Line 39, Column 2)		
22.	Net income (from Line 20)	(333,403,925)	601,561,975
23.	Net transfers (to) from Protected Cell accounts		
24.	Change in net unrealized capital gains or (losses) less capital gains tax of \$(229,336,000)		373,743,063
	Change in net unrealized foreign exchange capital gain (loss)		10,442,523
26.	Change in net deferred income tax		
27.	Change in nonadmitted assets (Exhibit of Nonadmitted Assets, Line 28, Column 3)	(74,892,322)	72,604,957
28.	Change in provision for reinsurance (Page 3, Line 16, Column 2 minus Column 1)	(42,003,380)	(11,492,499)
	Change in surplus notes		
30.	Surplus (contributed to) withdrawn from Protected Cells		
31.	Cumulative effect of changes in accounting principles		
32.	Capital changes:		
	32.1 Paid in		
	32.2 Transferred from surplus (Stock Dividend)		
	32.3 Transferred to surplus		
33.	Surplus adjustments:		
	33.1 Paid in		
	33.3. Transferred from capital		
	Net remittances from or (to) Home Office		
	Dividends to stockholders		
	Change in treasury stock (Page 3, Lines 36.1 and 36.2, Column 2 minus Column 1)		
37.	Aggregate write-ins for gains and losses in surplus		
38.	Change in surplus as regards policyholders for the year (Lines 22 through 37)		972,701,566
39.	Surplus as regards policyholders, December 31 current year (Line 21 plus Line 38) (Page 3, Line 37)	12,501,777,004	11,519,355,567
	DETAILS OF WRITE-INS		
	Summary of remaining write-ins for Line 5 from overflow page		0
	Totals (Lines 0501 through 0503 plus 0598) (Line 5 above)		0 (116 383)
	Balances recovered (charged off)		(9,740,969)
	Loss on foreign exchange		(3,410,992)
	Summary of remaining write-ins for Line 14 from overflow page		0
	Totals (Lines 1401 through 1403 plus 1498) (Line 14 above)		(13,268,344)
	SSAP 102 and SSAP 92 amortization / actuarial gains (losses)		
0101.	,	, ,	
3702.			
3702. 3703. 3798.		0	0

Annual Statement for the year 2017 of the FACTORY MUTUAL INSURANCE COMPANY CASH FLOW

·	OAGITT LOW	
	1 Current Year	2 Prior Year
CASH FROM OPER		
Premiums collected net of reinsurance		2,773,975,923
Net investment income		304,845,020
Miscellaneous income	(4,655,451)	(13,702,223)
4. Total (Lines 1 through 3)		3,065,118,720
5. Benefit and loss related payments	1,768,908,910	1,554,933,394
6. Net transfers to Separate Accounts, Segregated Accounts and Pr	otected Cell Accounts	
7. Commissions, expenses paid and aggregate write-ins for deducti	ons	842,990,838
8. Dividends paid to policyholders		
9. Federal and foreign income taxes paid (recovered) net of \$102	2,609,657 tax on capital gains (losses)	242,318,481
10. Total (Lines 5 through 9)	2,905,854,947	2,640,242,713
11. Net cash from operations (Line 4 minus Line 10)	201,644,577	424,876,007
CASH FROM INVES	TMENTS	
12. Proceeds from investments sold, matured or repaid:		
12.1 Bonds	2,414,587,828	2,081,231,307
12.2 Stocks	794,753,747	903,838,046
12.3 Mortgage loans		
12.4 Real estate		
12.5 Other invested assets	121,855,144	169,931,052
12.6 Net gains or (losses) on cash, cash equivalents and short-	erm investments(302,302)	212,793
12.7 Miscellaneous proceeds	546,002	13,068,442
12.8 Total investment proceeds (Lines 12.1 to 12.7)	3,331,440,419	3,168,281,640
13. Cost of investments acquired (long-term only):		
13.1 Bonds	2,731,426,950	2,430,510,470
13.2 Stocks		1,035,610,675
13.3 Mortgage loans		
13.4 Real estate		
13.5 Other invested assets	54,573,722	263,686,761
13.6 Miscellaneous applications	11,992,284	910,360
13.7 Total investments acquired (Lines 13.1 to 13.6)		3,730,718,266
14. Net increase (decrease) in contract loans and premium notes		
15. Net cash from investments (Line 12.8 minus Lines 13.7 minus Lin	e 14)65,996,803	(562,436,626
CASH FROM FINANCING AND MISC	ELLANEOUS SOURCES	
16. Cash provided (applied):		
16.1 Surplus notes, capital notes		
	liabilities	
16.5 Dividends to stockholders		
16.6 Other cash provided (applied)	44,043,455	72,181,434
	o 16.4 minus Line 16.5 plus Line 16.6)	
RECONCILIATION OF CASH, CASH EQUIVALEN		
	(Line 11, plus Lines 15 and 17)	(65.379.185
Cash, cash equivalents and short-term investments:		(,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,
•	718,368,255	783.747.440
	1,030,053,090	

Note: Supplemental disclosures of cash flow information for non-cash transactions:

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PART 1 - PREMIUMS EARNED

	.,,,,,	- PREINIUNIS EARI		_	
	Line of Business	1 Net Premiums Written per Column 6, Part 1B	2 Unearned Premiums December 31 Prior Year- per Col. 3, Last Year's Part 1	3 Unearned Premiums December 31 Current Year- per Col. 5, Part 1A	4 Premiums Earned During Year (Cols. 1 + 2 - 3)
1.	Fire	·	203,358,016	180,683,565	389,509,855
2.	Allied lines	790.730.889	444,706,488	, ,	852,578,355
3.	Farmowners multiple peril		, ,	, ,	0
4.	Homeowners multiple peril				0
5.	Commercial multiple peril			0	0
6.	Mortgage guaranty				0
8.	Ocean marine			2,541,525	
9.	Inland marine				825,702,545
10.	Financial guaranty				0
11.1	Medical professional liability - occurrence				0
11.2	Medical professional liability - claims-made				0
12.	Earthquake				0
13.	Group accident and health				0
	Credit accident and health (group and individual)				
14.	Other accident and health				0
15.					
16.	Workers' compensation				0
17.1	Other liability - occurrence			-	0
17.2	Other liability - claims-made			-	0
17.3	Excess workers' compensation			-	0
18.1	Products liability - occurrence			-	0
18.2	Products liability - claims-made				0
	Private passenger auto liability			-	0
19.3, 19.4	Commercial auto liability	0		0	0
21.	Auto physical damage	0		0	0
22.	Aircraft (all perils)	0		0	0
23.	Fidelity	0		0	0
24.	Surety	0		0	0
26.	Burglary and theft	0		0	0
27.	Boiler and machinery	738,122,109	349,400,417	350,171,932	737,350,594
28.	Credit	0		0	0
29.	International	0		0	0
30.	Warranty	0		0	0
31.	Reinsurance - nonproportional assumed property	216,219,734		0	216,219,734
32.	Reinsurance - nonproportional assumed liability	10,542		0	10,542
33.	Reinsurance - nonproportional assumed financial lines	0		0	0
34.	Aggregate write-ins for other lines of business	0	0	0	0
35.	TOTALS	2,894,642,719	1,391,724,586		3,026,293,802
	D	ETAILS OF WRITE-INS			
3401.				0	0
3402.				0	0
3403.				0	0
3498.	Summary of remaining write-ins for Line 34 from overflow page		0		0
3490.				U	

PART 1A - RECAPITULATION OF ALL PREMIUMS

	PART 1A	RECAPITULATI	ON OF ALL PRE		4	-
		1	2	3	4 Reserve for	5
		Amount Unearned (Running One Year	Amount Unearned (Running More Than		Rate Credits and Retrospective	Total Reserve for Unearned
		or Less from Date	One Year from	Earned But	Adjustments Based	Premiums
	Line of Business	of Policy) (a)	Date of Policy) (a)	Unbilled Premium	on Experience	Cols. 1 + 2 + 3 + 4
1.	Fire					180,683,565
2.	Allied lines	· · ·				382,859,022
3.	Farmowners multiple peril					0
4.	Homeowners multiple peril					0
5.	Commercial multiple peril					0
6.	Mortgage guaranty					0
8.	Ocean marine					2,541,525
9.	Inland marine	343,817,459				343,817,459
10.	Financial guaranty					0
11.1	Medical professional liability - occurrence					0
11.2	Medical professional liability - claims-made					0
12.	Earthquake					0
13.	Group accident and health					0
14.	Credit accident and health (group and individual)					0
15.	Other accident and health					0
16.	Workers' compensation					0
17.1	Other liability - occurrence					0
17.2	Other liability - claims-made					0
17.3	Excess workers' compensation					0
18.1	Products liability - occurrence					0
18.2	Products liability - claims-made					0
19.1, 19.2	Private passenger auto liability					0
	Commercial auto liability					0
21.	Auto physical damage					0
22.	Aircraft (all perils)					0
23.	Fidelity					0
24.	Suretv					0
26.	Burglary and theft					0
27.	Boiler and machinery					350.171.932
28.	Credit					
29.	International					0
30. 31.	Warranty Reinsurance - nonproportional assumed property					0
31.						0
	Reinsurance - nonproportional assumed liability					
33.	Reinsurance - nonproportional assumed financial lines					0
34.	Aggregate write-ins for other lines of business					
35.	TOTALS				0	1,260,073,503
36.	Accrued retrospective premiums based on experience					
37.	Earned but unbilled premiums					0
38.	Balance (sum of Lines 35 through 37)				<u></u>	1,260,073,503
		DETAILS OF V	VRITE-INS			
3401.						0
3402.						0
3403.						0
3498.	Summary of remaining write-ins for Line 34 from overflow page		0	0	0	0
3499.	Totals (Lines 3401 through 3403 plus 3498) (Line 34 above)	0	0	0	0	0

⁽a) State here basis of computation used in each case: Daily Pro Rata

PART 1B - PREMIUMS WRITTEN

	PF	NRT 1B - PREM 1	Reinsurand		Reinsurar	ice Ceded	6
		Direct	2	3	4	5	Net Premiums Written
	Haraf B. davis	Business	From	From	To	To	(Cols. 1 + 2 + 3
4	Line of Business	(a)	Affiliates	Non-Affiliates	Affiliates	Non-Affiliates	- 4 - 5)
1.	Fire	, ,	54,238,909			152,927,783	366,835,404
2.	Allied lines	, ,	129,214,885	, ,	68,459,816	349,839,619	_
3.	Farmowners multiple peril						0
4.	Homeowners multiple peril						0
5.	Commercial multiple peril						-
6.	Mortgage guaranty						
8.	Ocean marine				49,723	710,463	4,261,875
9.	Inland marine	838,511,550	122,274,628	180,356,085	63,722,619	298,957,478	778,462,166
10.	Financial guaranty						0
11.1	Medical professional liability - occurrence						0
11.2	Medical professional liability - claims-made						0
12.	Earthquake						0
13.	Group accident and health						0
14.	Credit accident and health (group and individual)						0
15.	Other accident and health						0
16.	Workers' compensation						0
17.1	Other liability - occurrence						0
17.2	Other liability - claims-made						0
17.3	Excess workers' compensation						0
18.1	Products liability - occurrence						0
18.2	Products liability - claims-made						0
19.1, 19.2	Private passenger auto liability						0
19.3, 19.4	Commercial auto liability						0
21.	Auto physical damage						0
22.	Aircraft (all perils)						0
23.	Fidelity						0
24.	Surety						0
26.	Burglary and theft						0
27.	Boiler and machinery		76,465,972			150,439,692	738,122,109
28.	Credit.		10,400,312		44,000,004	130,433,032	730,122,109
29.	International						0
30.	Warranty				70 545 400		040 040 704
31.	Reinsurance - nonproportional assumed property						
32.	Reinsurance - nonproportional assumed liability						10,542
33.	Reinsurance - nonproportional assumed financial lines						0
34.	Aggregate write-ins for other lines of business					0	
35.	TOTALS	2,699,271,004	672,306,475	754,287,262	278,346,987	952,875,035	2,894,642,719
		DETAILS O	WRITE-INS				
3401.							0
3402.							0
3403.							0
3498.	Summary of remaining write-ins for Line 34 from overflow page	0	0	0	0	0	0
3499.	Totals (Lines 3401 through 3403 plus 3498) (Line 34 above)	0	0	0	0	0	0

⁽a) Does the company's direct premiums written include premiums recorded on an installment basis? Yes [] No [X]

If yes: 1. The amount of such installment premiums \$......0.

^{2.} Amount at which such installment premiums would have been reported had they been recorded on an annualized basis \$.......0.

Annual Statement for the year 2017 of the FACTORY MUTUAL INSURANCE COMPANY

UNDERWRITING AND INVESTMENT EXHIBIT

PART 2 - LOSSES PAID AND INCURRED

				OOLO FAID AND INC		-	6	7	0
		4	Losses Paid L	ess Salvage	4	5	р	1	8 Damantana af
		1 Direct	Reinsurance	Reinsurance	4 Net Payments	Net Losses Unpaid Current Year	Net Losses Unpaid	Losses Incurred Current Year	Percentage of Losses Incurred (Col. 7, Part 2) to Premiums Earned
	Line of Business	Business	Assumed	Recovered	(Cols. 1 + 2 - 3)	(Part 2A, Col. 8)	Prior Year	(Cols. 4 + 5 - 6)	(Col. 4, Part 1)
1.	Fire	280,512,414	345,362,857	47,984,176	577,891,095	717,534,061	360,304,443	935,120,713	240.1
2.	Allied lines	523,069,805	51,616,242	125,709,074	448,976,973	1,239,025,530	333,351,122	1,354,651,381	158.9
3.	Farmowners multiple peril				0	0		0	0.0
4.	Homeowners multiple peril				0	0		0	0.0
5.	Commercial multiple peril				0	0		0	0.0
6.	Mortgage guaranty				0	0		0	0.0
8.	Ocean marine	244,495	120,358	239,864	124,989	36,823,527	33,116,220	3,832,296	77.9
9.	Inland marine	185,819,572	112,582,066	65,674,697	232,726,941	500,663,162	205,063,886	528,326,217	64.0
10.	Financial guaranty				0	0		0	0.0
11.1	Medical professional liability - occurrence				0	0		0	0.0
11.2	Medical professional liability - claims-made				0	0		0	0.0
12.	Earthquake				0	0		0	0.0
13.	Group accident and health				0	0		0	0.0
14.	Credit accident and health (group and individual)				0	0		0	0.0
15.	Other accident and health				0	0		0	0.0
16.	Workers' compensation		28,167		28,167	517,908	527,843	18,232	0.0
17.1	Other liability - occurrence	20,834,986	6,737,843	26,429,781	1,143,048	132,693,973	128,262,976	5,574,045	0.0
17.2	Other liability - claims-made				0	0		0	0.0
17.3	Excess workers' compensation				0	0		0	0.0
18.1	Products liability - occurrence				0	0		0	0.0
18.2	Products liability - claims-made				0			0	0.0
-	Private passenger auto liability				0	.0		0	0.0
	Commercial auto liability				0	.0		0	0.0
21.	Auto physical damage				0	0		0	0.0
22.	Aircraft (all perils)	41,001	8,810	35,184	14,627	2,504,364	1,352,496	1,166,495	0.0
23.	Fidelity	(56,027)	,0,010		(56,027)	0	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	(56,027)	0.0
24.	Surety	(00,021)			0	0		0	0.0
26.	Burglary and theft				0	0		0	0.0
27.	Boiler and machinery	335,695,199	88,867,676	94,602,314	329,960,561	312,117,746	309,513,546	332,564,761	45.1
28.	Credit				0	0		n	0.0
29.	International				0	n		n	0.0
30.	Warranty				0	0		n	0.0
31.	Reinsurance - nonproportional assumed property	XXX	45,693,473	73,586,557	(27,893,084)	0		(27,893,084)	(12.9)
32.	Reinsurance - nonproportional assumed liability	XXX	28.580.498	6.812.221	21,768,277	384,120,657	371,202,983	34.685.951	329.026.3
33.	Reinsurance - nonproportional assumed financial lines	XXX	20,500,490			304,120,037		ი ს	0.0
33. 34.	Aggregate write-ins for other lines of business			0			n		0.0
34. 35.	TOTALS	1,346,161,445	679,597,990	441,073,868	1,584,685,567	3,326,000,928	1,742,695,515	3,167,990,980	104 7
JJ.	IOTALO	1,040,101,440			1,004,000,007		1,142,030,313	, 101,330,300	104.7
3401.			UI	ETAILS OF WRITE-INS	0	0		^	0.0
3401. 3402.					U			0	0.0
					U			0	0.0
3403.	Common of consisting with in faul in 24 from a conflavor or -	0		Λ			0	0	
3498.	Summary of remaining write-ins for Line 34 from overflow page	0		0	0		0	0	XXX
3499.	Totals (Lines 3401 through 3403 plus 3498) (Line 34 above)		0]	0	0	0 .	0	0	0.0

UNDERWRITING AND INVESTMENT EXHIBIT

PART 2A - UNPAID LOSSES AND LOSS ADJUSTMENT EXPENSES

		Reported Losses			Incurred But Not Reported			8	9	
		1	2	3	4	5	6	7		
					Net Losses Excluding					Net
					Incurred but				Net Losses	Unpaid Loss
			Reinsurance	Deduct Reinsurance	not Reported		Reinsurance	Reinsurance	Unpaid	Adjustment
	Line of Business	Direct	Assumed	Recoverable	(Cols. 1 + 2 - 3)	Direct	Assumed	Ceded	(Cols. 4 + 5 + 6 - 7)	Expenses
1.	Fire	413,133,713 .	317,135,815	79,045,718	651,223,810	46,896,566	19,413,685		717,534,061	60,590,254
2.	Allied lines	1,351,862,767	126,488,057	503,073,330	975,277,494	249,354,509	14,393,527		1,239,025,530	40,530,563
3.	Farmowners multiple peril				0				0	
4.	Homeowners multiple peril				0				0	
5.	Commercial multiple peril				0				0	
6.	Mortgage guaranty				0				0	
8.	Ocean marine	4,028,887	145,027	2,222,051	1,951,863	38,749,850	22,229,795	26,107,981	36,823,527	2,057,288
9.	Inland marine	253,535,981	286,526,732	135,029,016	405,033,697	59,294,866	36,355,043	20,444	500,663,162	32,417,469
10.	Financial guaranty		, , ,		0	, , , , , , , , , , , , , , , , , , ,		·	0	
11.1	Medical professional liability - occurrence				0				0	
11.2	Medical professional liability - claims-made				0				0	
12.	Earthquake				0				0	
13.	Group accident and health				0				(a)0	
14.	Credit accident and health (group and individual)				0				0	
15.	Other accident and health				0				(a)0	
16.	Workers' compensation		132,511		132,511		385,397		517,908	196
17.1	Other liability - occurrence	24,817,553	1,111,109	18,213,585	7,715,077	246.641.254	92,338,103	214,000,461	132,693,973	12,326,441
17.1	Other liability - claims-made	24,017,000	,1,111,103	10,210,000	,,,,,,,,,,,,,,,,	270,071,207	52,550,105	214,000,401	102,030,370	12,020,771
	Excess workers' compensation				٥				Λ	
17.3 18.1	Products liability - occurrence.				٥				Λ	
18.2	Products liability - claims-made				٥				Λ	
	2 Private passenger auto liability				0				Λ	
	4 Commercial auto liability				٥				Λ	
21.	Auto physical damage				0				Λ	
22.	Aircraft (all perils)	395,245	(493)	174.294	220.458	3,930,360	401,413	2,047,867	2,504,364	105,257
23.	Fidelity	333,243	(433)	174,234	220,430	,330,300	401,413	2,047,007	2,504,504	103,237
24.	Surety.				0					
26.	Burglary and theft								٥	
27.	Boiler and machinery	250,626,090	107,097,050	73,463,157	284,259,983	21,950,472	5,907,291		312,117,746	8,896,326
28.	Credit	250,020,090			204,259,903	21,950,472	5,907,291		312,117,740	0,090,320
					0				0	
29.	International								0	
30.	Warranty	XXX			 0	vvv			0	
31.	Reinsurance - nonproportional assumed property	XXX	169,620,805	46,702,977	122,917,828	XXXXXX	355,141,556	93,938,727		54,022,930
32.	Reinsurance - nonproportional assumed liability	XXX	09,020,805	40,702,977	122,917,828 0	XXXXXX	355,141,556	93,938,727	384, 120,657	54,022,930
33.	Reinsurance - nonproportional assumed financial lines	0	0	0	0				0	
34.	Aggregate write indicate intermited of business	2,298,400,236		857,924,128	2,448,732,721	666,817,877	546,565,810		3,326,000,928	040.040.704
35.	TOTALS	2,298,400,236 .	1,008,256,613			000,817,877	540,505,810	336,115,480	3,326,000,928	210,946,724
2404		1	i	DETAILS OF W			1		^	
3401.					0				0	
3402.					0				0	
3403.					0				0	
	Summary of remaining write-ins for Line 34 from overflow page	0	0	0	0	0	0	0	0	0
3499.	Totals (Lines 3401 through 3403 plus 3498) (Line 34 above)	0 .	0	0	0	0	0	0	0	0
(a)	Including \$0 for present value of life indemnity claims.									

Including \$......0 for present value of life indemnity claims.

PART 3 - EXPENSES

		1 Loss Adjustment	2 Other Underwriting	3 Investment	4
		Expenses	Expenses	Expenses	Total
1.	Claim adjustment services:				
	1.1 Direct	· · ·			76,086,842
	1.2 Reinsurance assumed	· · · · · · · · · · · · · · · · · · ·			29,965,876
	1.3 Reinsurance ceded				
	1.4 Net claim adjustment services (1.1 + 1.2 - 1.3)	94,423,540	0	0	94,423,540
2.	Commission and brokerage:				
	2.1 Direct, excluding contingent				3,507,550
	2.2 Reinsurance assumed, excluding contingent				298,596,85
	2.3 Reinsurance ceded, excluding contingent				187,205,74
	2.4 Contingent - direct				
	2.5 Contingent - reinsurance assumed				
	2.6 Contingent - reinsurance ceded				
	2.7 Policy and membership fees				
	2.8 Net commission and brokerage (2.1 + 2.2 - 2.3 + 2.4 + 2.5 - 2.6 + 2.7)				
3.	Allowances to manager and agents				
4.	Advertising			, ,	15,577,733
5.	Boards, bureaus and associations		,		30,10
6.	Surveys and underwriting reports		10,384,010		10,385,51
7.	Audit of assureds' records				
8.	Salary and related items:				
	8.1 Salaries				344,183,37
	8.2 Payroll taxes	· · · · · · · · · · · · · · · · · · ·		119,015	20,841,38
9.	Employee relations and welfare	6,704,823	110,096,605	989,478	117,790,90
10.	Insurance		3,134,578	486	3,148,43
11.	Directors' fees		3,818,630		3,818,63
12.	Travel and travel items		47,198,942	113,185	51,211,37
13.	Rent and rent items		44,846,638	392,982	48,127,27
14.	Equipment	, , ,			3,521,91
15.	Cost or depreciation of EDP equipment and software		35,776,005	1,114,295	37,218,66
16.	Printing and stationery	263,031 .	3,085,616	34,220	3,382,86
17.	Postage, telephone and telegraph, exchange and express	250,366 .	2,924,477	(191,574)	2,983,26
18.	Legal and auditing	1,150,468	7,937,199		9,087,66
19.	Totals (Lines 3 to 18)	40,363,664	625,355,136	5,590,305	671,309,10
20.	Taxes, licenses and fees:				
	20.1 State and local insurance taxes deducting guaranty association credits				
	of \$36,395				74,519,57
	20.2 Insurance department licenses and fees	9,714	1,635,914	4,155	1,649,78
	20.3 Gross guaranty association assessments		83,902		83,90
	20.4 All other (excluding federal and foreign income and real estate)				
	20.5 Total taxes, licenses and fees (20.1 + 20.2 + 20.3 + 20.4)	9,714	76,239,395	4,155	76,253,26
21.	Real estate expenses				
22.	Real estate taxes				
23.	Reimbursements by uninsured plans				
24.	Aggregate write-ins for miscellaneous expenses	55,096	64,428,158	9,393,616	73,876,87
25.	Total expenses incurred	134,852,014	880,921,355	14,988,076	(a)1,030,761,445
26.	Less unpaid expenses - current year	210,946,724	532,095,911		743,042,63
27.	Add unpaid expenses - prior year		559,001,993		717,639,45
28.	Amounts receivable relating to uninsured plans, prior year				
29.	Amounts receivable relating to uninsured plans, current year				
30.	TOTAL EXPENSES PAID (Lines 25 - 26 + 27 - 28 + 29)		907,827,437	14,988,076	1,005,358,26
	DETA	ILS OF WRITE-INS	,		
401	Bank Activity fees		507,133	409,698	917,36

2401.	Bank Activity fees	537	507,133	409,698	917,368
2402.	Investment management fees			8,904,629	8,904,629
2403.	Consulting	39,111	62,624,187	597	62,663,895
2498.	Summary of remaining write-ins for Line 24 from overflow page	15,448	1,296,838	78,692	1,390,978
2499.	Totals (Lines 2401 through 2403 plus 2498) (Line 24 above)	55,096	64,428,158	9,393,616	73,876,870

⁽a) Includes management fees of \$.......0 to affiliates and \$......0 to non-affiliates.

Annual Statement for the year 2017 of the FACTORY MUTUAL INSURANCE COMPANY **EXHIBIT OF NET INVESTMENT INCOME**

	EVUIDII OL MET IMAESTMIEMT IM		
		1	2
		Collected	Earned
		During Year	During Year
1.	U.S. government bonds	(a)26,335,734	
1.1	Bonds exempt from U.S. tax	(a)46,001,980	, ,
1.2	Other bonds (unaffiliated)	(a)55,587,483	56,782,608
1.3	Bonds of affiliates	(a)	
2.1	Preferred stocks (unaffiliated)	(b)	
2.11	Preferred stocks of affiliates		
2.2	Common stocks (unaffiliated)	127,079,063	127,485,535
2.21	Common stocks of affiliates		
3.	Mortgage loans	(c)	
4.	Real estate	(d)	
5.	Contract loans		
6.	Cash, cash equivalents and short-term investments	(e)9,864,815	9,877,792
7.	Derivative instruments	(f)	
8.	Other invested assets	12,698,225	12,698,225
9.	Aggregate write-ins for investment income		
10.	Total gross investment income		
11.	Investment expenses		
12.	Investment taxes, licenses and fees, excluding federal income taxes.		(g)4,155
13.	Interest expense		(h)7,922,385
14.	Depreciation on real estate and other invested assets		, ,
15.	Aggregate write-ins for deductions from investment income		***
16.	Total deductions (Lines 11 through 15)		
17.	Net investment income (Line 10 minus Line 16)		
	DETAILS OF WRITE-INS		
0901	Bond Prepayment Penalty Reclass from Realized Gains/Losses	2,093,967	2,093,967
	Securities Litigation Income		, ,
	Miscellaneous Income	612,548	· · · · · · · · · · · · · · · · · · ·
	Summary of remaining write-ins for Line 9 from overflow page	,	
	Totals (Lines 0901 through 0903 plus 0998) (Line 9 above)		
	Totals (Lines 650) timough 6500 plus 6550) (Line 5 above)		
	Summary of remaining write-ins for Line 15 from overflow page		
	Totals (Lines 1501 through 1503 plus 1598) (Line 15 above)		
(a)	Includes \$2,806,889 accrual of discount less \$38,252,506 amortization of premium and less \$13,756,363 paid f		
(a) (b)	Includes \$0 accrual of discount less \$0 amortization of premium and less \$0 paid for accrued dividence	-	
. ,	Includes \$0 accrual of discount less \$0 amortization of premium and less \$0 paid for accrued interest		
(c)	Includes \$0 accrual or discount less \$0 amortization or premium and less \$0 paid for accrued interest Includes \$0 for company's occupancy of its own buildings; and excludes \$0 interest on encumbrances.	on purchases.	
(d)		ruad interact on purchases	
(e)	Includes \$1,034,257 accrual of discount less \$168,842 amortization of premium and less \$692,351 paid for acc	rueu interest on purchases.	
(f)	Includes \$0 accrual of discount less \$0 amortization of premium.		
(g)	Includes \$0 investment expenses and \$0 investment taxes, licenses and fees, excluding federal income taxes	es, attributable to segregated and S	eparate Accounts.
(h)	Includes \$0 interest on surplus notes and \$0 interest on capital notes.		
(i)	Includes \$0 depreciation on real estate and \$0 depreciation on other invested assets.		

EXHIBIT OF CAPITAL GAINS (LOSSES)

	ΕΛΠΙΟΙ	I OF CAPIT	AL GAINO (L	_U33E3 <i>)</i>		
		1	2	3	4	5
		Realized				Change in
		Gain (Loss)	Other	Total Realized	Change in	Unrealized
		on Sales	Realized	Capital Gain (Loss)	Unrealized	Foreign Exchange
		or Maturity	Adjustments	(Columns 1 + 2)	Capital Gain (Loss)	Capital Gain (Loss)
1.	U.S. government bonds	, , ,		(99,647)		
1.1	Bonds exempt from U.S. tax	1,826,207		1,826,207		
1.2	Other bonds (unaffiliated)	9,488,468		9,488,468	(494,270)	988,859
1.3	Bonds of affiliates			0		
2.1	Preferred stocks (unaffiliated)			0		
2.11	Preferred stocks of affiliates			0		
2.2	Common stocks (unaffiliated)	236,225,353	(12,343,109)	223,882,244	889,238,585	
2.21	Common stocks of affiliates			0	435,318,689	
3.	Mortgage loans			0		
4.	Real estate			_		
5.	Contract loans			0		
6.	Cash, cash equivalents and short-term investments				(100,095)	
7.	Derivative instruments			0		
8.	Other invested assets	35,577,527	(1,757,723)	33,819,804		
9.	Aggregate write-ins for capital gains (losses)	(2,093,967)	0	(2,093,967)	0	0
10.	Total capital gains (losses)	280,721,734	(14,100,832)	266,620,902	1,344,209,106	988,859
		DETAILS C	F WRITE-INS			
0901	Bond Prepayment Penalty Reclass to Investment Income	(2,093,967)		(2,093,967)		
0902				0		
0903				0		
0998	Summary of remaining write-ins for Line 9 from overflow page	0	0	0	0	0
	Totals (Lines 0901 through 0903 plus 0998) (Line 9 above)					0

Annual Statement for the year 2017 of the FACTORY MUTUAL INSURANCE COMPANY EXHIBIT OF NONADMITTED ASSETS

	EXHIBIT OF NONADMITTED ASSETS 1 2 3										
		Current Year Total Nonadmitted Assets	Prior Year Total Nonadmitted Assets	Change in Total Nonadmitted Assets (Col. 2 - Col. 1)							
1	Bonds (Schedule D)	Nonaumilleu Assets	Nonaumilleu Assets	0							
2.	Stocks (Schedule D):										
۷.	2.1 Preferred stocks			0							
	2.2 Common stocks			0							
3.	Mortgage loans on real estate (Schedule B):										
0.	3.1 First liens.			0							
	3.2 Other than first liens.			_							
4.	Real estate (Schedule A):										
•	4.1 Properties occupied by the company			0							
	4.2 Properties held for the production of income.										
	4.3 Properties held for sale										
5.	Cash (Schedule E-Part 1), cash equivalents (Schedule E-Part 2)			0							
J.	and short-term investments (Schedule DA)			0							
6.	Contract loans.			_							
7.	Derivatives (Schedule DB)										
8.	Other invested assets (Schedule BA)										
9.	Receivables for securities										
9. 10.	Securities lending reinvested collateral assets (Schedule DL)										
11. 12.	Aggregate write-ins for invested assets. Subtotals, cash and invested assets (Lines 1 to 11)										
	·										
13.	Title plants (for Title insurers only)			_							
14.	Investment income due and accrued			U							
15.	Premiums and considerations:	54 000 070	44.045.000	/7 400 474							
	15.1 Uncollected premiums and agents' balances in the course of collection	51,829,073	44,645,899	(7,183,174							
	15.2 Deferred premiums, agents' balances and installments booked but deferred and not yet due			0							
	15.3 Accrued retrospective premiums and contracts subject to redetermination			0							
16.	Reinsurance:										
	16.1 Amounts recoverable from reinsurers			0							
	16.2 Funds held by or deposited with reinsured companies			0							
	16.3 Other amounts receivable under reinsurance contracts			0							
17.	Amounts receivable relating to uninsured plans			0							
18.1	Current federal and foreign income tax recoverable and interest thereon			0							
18.2	Net deferred tax asset			0							
19.	Guaranty funds receivable or on deposit			0							
20.	Electronic data processing equipment and software	31,213,843	31,872,609	658,766							
21.	Furniture and equipment, including health care delivery assets	45,878,450	37,602,244	(8,276,206							
22.	Net adjustment in assets and liabilities due to foreign exchange rates										
23.	Receivables from parent, subsidiaries and affiliates	24,439,698	21,548,880	(2,890,818							
24.	Health care and other amounts receivable			0							
25.	Aggregate write-ins for other-than-invested assets	214,853,228	157,652,338	(57,200,890							
26.	Total assets excluding Separate Accounts, Segregated Accounts and Protected			, , ,							
	Cell Accounts (Lines 12 through 25)	368,214,292	293,321,970	(74,892,322							
27.	From Separate Accounts, Segregated Accounts and Protected Cell Accounts			0							
28.	TOTALS (Lines 26 and 27)										
	DETAILS OF W		, ,	() ,							
1101	DETAILS OF W										
	Summary of remaining write-ins for Line 11 from overflow page										
	. Totals (Lines 1101 through 1103 plus 1198) (Line 11 above)										
	Pension asset		129,451,444	(41,905,663							
	Prepaid expenses	, ,	13,052,918	(15,660,252							
	. Miscellaneous receivable		3,074,339	365,025							
	. Summary of remaining write-ins for Line 25 from overflow page		12,073,637	0							
2599	. Totals (Lines 2501 through 2503 plus 2598) (Line 25 above)	214,853,228	157,652,338	(57,200,890							

Note 1 - Summary of Significant Accounting Policies and Going Concern

A. Accounting Practices

The accompanying financial statements of Factory Mutual Insurance Company ("Company") have been prepared on the basis of accounting practices prescribed or permitted by the Rhode Island Division of Insurance.

The state of Rhode Island requires insurance companies domiciled in the state of Rhode Island to prepare their statutory financial statements in accordance with the National Association of Insurance Commissioner' (NAIC) Accounting Practices and Procedures Manual subject to any deviations prescribed or permitted by the Rhode Island Division of Insurance. The Company has no state prescribed or permitted practices.

		SSAP	F/S	F/S			
		#	Page	Line #	2017		2016
NET	INCOME						
(1)	FACTORY MUTUAL INSURANCE COMPANY Company state basis						
	(Page 4, Line 20, Columns 1 & 2)	XXX	XXX	XXX	\$ (333,403,92	5) \$	601,561,975
(2)	State Prescribed Practice that are an increase/(decrease) from NAIC SAP						
					\$	- \$	-
(3)	State Permitted Practice that are an increase/(decrease) from NAIC SAP						
					\$	- \$	-
(4)	NAIC SAP (1-2-3=4)	XXX	XXX	XXX	\$ (333,403,92	5) \$	601,561,975
SUF	PLUS						
(5)	FACTORY MUTUAL INSURANCE COMPANY Company state basis						
	(Page 3, line 37, Columns 1 & 2)	XXX	XXX	XXX	\$ 12,501,777,00	4 \$	11,519,355,567
(6)	State Prescribed Practice that are an increase/(decrease) from NAIC SAP						
					\$	- \$	-
(7)	State Permitted Practice that are an increase/(decrease) from NAIC SAP						
	·				\$	- \$	-
(8)	NAIC SAP (5-6-7=8)	XXX	XXX	XXX	\$ 12,501,777,00	4 \$	11,519,355,567

B. Use of Estimates in the Preparation of the Financial Statement

The preparation of financial statements requires management to make estimates and assumptions that affect the reported amounts of assets, liabilities, revenues, and expenses. Actual results could differ from those estimates.

C. Accounting Policies

Premiums are earned over the terms of the related policies and reinsurance contracts. Unearned Premiums are established to cover the unexpired portion of premiums written. Such reserves are computed by pro rata methods for direct, assumed and ceded business.

Expenses incurred in connection with acquiring new insurance business, including acquisition costs such as sales commissions, are charged to operations as incurred. Expenses incurred are reduced for ceding allowances received or receivable.

Net investment income earned consists primarily of interest, dividends and rent income less investment related expenses. Interest is recognized on an accrual basis and dividends are recognized on an ex-dividend basis. Net realized capital gains (losses) are recognized on a specific identification basis when securities are sold, redeemed or otherwise disposed. Realized capital losses include writedowns for impairments considered to be other than temporary.

In addition, the Company utilizes the following accounting policies:

(1) Basis for Short-Term Investments

Short-term debt securities are stated at amortized cost using the interest method.

(2) Basis for Bonds and Amortization Schedule

Non loan-backed bonds with NAIC designations 1 or 2 are stated at amortized cost using the interest method. Non loan-backed bonds with NAIC designations of 3 through 6 are stated at the lower of amortized value or fair value. See paragraph 6 for loan-backed and structured securities.

(3) Basis for Common Stocks

Common Stocks, except investments in stocks of subsidiaries, are stated at fair value.

(4) Basis for Preferred Stocks

The Company has no preferred stocks.

(5) Basis for Mortgage Loans

The Company has no mortgage loans.

(6) Basis for Loan-Backed Securities and Adjustment Methodology

U.S. government agency loan-backed and structured securities are valued at amortized value. Other loan-backed and structured securities are valued at either amortized value or fair value, depending on many factors including: the type of underlying collateral, whether modeled by NAIC vendor, whether rated (by either NAIC approved rating organization or NAIC Securities Valuation Office), and relationship of amortized value to par value and amortized value to fair value.

Note 1 – Summary of Significant Accounting Policies and Going Concern (continued from preceding page)

(7) Accounting Policies for Investments in Subsidiaries, Controlled and Affiliated Entities

U.S. insurance subsidiaries (Affiliated FM Insurance Company, NAIC #10014, and Appalachian Insurance Company, NAIC #10316) are stated at statutory equity value in accordance with SSAP 97 paragraph 8(b)i. Foreign insurance companies (FM Insurance Company Limited, FM Insurance Europe S.A., FM Global de Mexico S.A. de C.V., and Risk Engineering Insurance Company Limited) are stated at the audited foreign basis equity converted to U.S statutory equity value in accordance with SSAP 97 paragraph 8(b)iv. Non-insurance subsidiaries (FMRE Holdings LLC) are stated at audited GAAP equity in accordance with SSAP 97 paragraph 8(b)iii.

(8) Accounting Policies for Investments in Joint Ventures, Partnerships and Limited Liability Entities

Investments in joint ventures, partnerships and limited liability corporations are stated at the underlying audited GAAP equity value.

(9) Accounting Policies for Derivatives

The Company has no derivatives.

(10) Anticipated Investment Income Used in Premium Deficiency Calculation

The Company does not anticipate investment income when evaluating the need for premium deficiency reserves.

(11) Management's Policies and Methodologies for Estimating Liabilities for Losses and Loss/Claim Adjustment Expenses for A&H Contracts

Unpaid losses and loss adjustment expenses (including Asbestos and Environmental reserves) include amounts determined from individual case estimates and an amount for IBNR (incurred-but-not-reported) loss estimates. Such liabilities are necessarily based on assumptions and estimates and while management believes the amount is adequate, the ultimate liability may be in excess of or less than the amount provided. The methods for making such estimates and for establishing the resulting liability are continually reviewed and any adjustments are reflected in the period determined.

(12) Changes in the Capitalization Policy and Predefined Thresholds from Prior Period

The Company has not changed its capitalization policy from the prior period.

(13) Method Used to Estimate Pharmaceutical Rebate Receivables

The Company has no "pharmaceutical rebate receivables."

D. Going Concern

Based upon its evaluation of relevant conditions and events, management has concluded that the Company will continue as going concern.

Note 2 - Accounting Changes and Correction of Errors

Not Applicable

Note 3 - Business Combinations and Goodwill

Not Applicable

Note 4 - Discontinued Operations

Not Applicable

Note 5 - Investments

A. Mortgage Loans, including Mezzanine Real Estate Loans

Not Applicable

B. Debt Restructuring

Not Applicable

C. Reverse Mortgages

Not Applicable

- D. Loan-Backed Securities
 - (1) Description of Sources Used to Determined Prepayment Assumptions

Loan-backed bonds and structured securities are valued at amortized cost using the constant interest rate method, and using an effective yield based on current prepayment assumptions obtained from Bloomberg, rather than anticipated prepayments at the date of purchase. Prepayment assumptions are reviewed periodically and updated in response to changes in market interest rates.

(2) Other-Than-Temporary-Impairment (OTTI) Loss Recognized in the Aggregate

Not Applicable

(3) Recognized OTTI securities

Note 5 - Investments (continued from preceding page)

(4) All impaired securities (fair value is less than cost or amortized cost) for which an other-than-temporary impairment has not been recognized in earnings as a realized loss (including securities with a recognized other-than-temporary impairment for non-interest related declines when a non-recognized interest related impairment remains):

a.	The aggregate amount of unrealized losses:	1. Less than 12 Months	\$ 76,287
		2. 12 Months or Longer	\$ 316,374
b.	The aggregate related fair value of securities with unrealized losses:	1. Less than 12 Months	\$ 21,541,280
		2. 12 Months or Longer	\$ 15,638,209

(5) Information Investor Considered in Reaching Conclusion that Impairments are Not Other-Than-Temporary

All loan-backed and structured securities in an unrealized loss position were reviewed to determine whether other-than-temporary impairments should be recognized. The Company asserts that it has the intent and ability to hold these securities long enough to allow the cost basis of these securities to be recovered. These conclusions are supported by a detailed analysis of the underlying credit and cash flows of each security. Unrealized losses are primarily attributable to credit spread widening and increased liquidity discounts. It is possible that the Company could recognize other-than-temporary impairments in the future on some of the securities, if future events, information and the passage of time causes it to conclude that declines in value are other-than temporary.

- E. Dollar Repurchase Agreements and/or Securities Lending Transactions
 - (1) Policy for Requiring Collateral or Other Security

Under a securities lending program with an agent, the Company has temporarily loaned certain debt securities. Borrowers of these securities must deposit an amount of cash and/or securities equal to 102% of the fair value of domestic securities or 105% of the fair value of foreign securities loaned as of the transaction date. The collateral level is monitored daily and additional cash calls are made by the agent if needed to retain the 102% or 105% collateral amount. The agent holds any securities pledged as collateral in trust for the borrower, and invests any cash collateral pledged as collateral in high quality short term securities. The cash collateral received under the securities lending agreement and invested in short term securities is included in the "Securities lending reinvested collateral assets" on Page 2 Line 10 and the offsetting liability in the "Payable for securities lending" on Page 3 Line 22.

(2) Disclose the Carrying Amount and Classification of Both Assets and Liabiltiies

Not Applicable

(3) Collateral Received

a.	Aggı	regate Amount Collateral Received	Fair Value
	1.	Securities Lending	
		(a) Open	\$ -
		(b) 30 Days or Less	24,136,615
		(c) 31 to 60 Days	4,995,075
		(d) 61 to 90 Days	9,987,808
		(e) Greater Than 90 Days	5,000,000
		(f) Sub-Total	44,119,498
		(g) Securities Received	
		(h) Total Collateral Received	\$ 44,119,498
	2.	Dollar Repurchase Agreement	
		(a) Open	\$ -
		(b) 30 Days or Less	
		(c) 31 to 60 Days	
		(d) 61 to 90 Days	
		(e) Greater Than 90 Days	
		(f) Sub-Total	
		(g) Securities Received	
		(h) Total Collateral Received	\$ -

b. The fair value of that collateral and of the portion of that collateral that it has sold or repledged \$ 44,119,498

c. Information about Sources and Uses of Collateral

The securities acquired from the use of the cash collateral are managed by the agent using conservative guidelines regarding the type, duration and quality of investments permitted.

(4) Aggregate Value of the Reinvested Collateral

Note 5 – Investments (continued from preceding page)

(5) Collateral Reinvestment

a. Aggregate Amount Collateral Reinvested	Amortized Cost	Fair Value
Securities Lending		·
(a) Open	\$ -	\$ -
(b) 30 Days or Less	24,136,615	24,136,615
(c) 31 to 60 Days	4,995,075	4,995,075
(d) 61 to 90 Days	9,987,808	9,987,808
(e) 91 to 120 Days	5,000,000	5,000,000
(f) 121 to 180 Days		
(g) 181 to 365 Days		
(h) 1 to 2 Years		
(i) 2 to 3 Years		
(j) Greater Than 3 Years		
(k) Sub-Total	\$ 44,119,498	\$ 44,119,498
(I) Securities Received		
(m) Total Collateral Reinvested	\$ 44,119,498	\$ 44,119,498
Dollar Repurchase Agreement		
(a) Open	\$ -	\$ -
(b) 30 Days or Less		
(c) 31 to 60 Days		
(d) 61 to 90 Days		
(e) 91 to 120 Days		
(f) 121 to 180 Days		
(g) 181 to 365 Days		
(h) 1 to 2 Years		
(i) 2 to 3 Years		
(j) Greater Than 3 Years		
(k) Sub-Total	\$ -	\$ -
(I) Securities Received		
(m) Total Collateral Reinvested	-	\$ -

b. Explanation of Additional Sources of Liquidity for Maturity Date Mismatches

The agent matches the maturity dates of the cash collateral with the expected return dates of that collateral

(6) Detail on Collateral Transactions Not Permitted by Contract or Custom to Sell or Repledge

In addition to the cash collateral, the Company also receives collateral in the form of government securities. These securities are held by the agent and are not traded or repledged. The current fair value of the securities collateral is \$140,810,031.

(7) Collateral for Securities Lending transactions that extend beyond one year from the reporting date.

The Company has no collateral with transactions that extend beyond one year.

F. Repurchase Agreements Transactions Accounted for as Secured Borrowing

Not Applicable

G. Reverse Repurchase Agreements Transactions Accounted for as Secured Borrowing

Not Applicable

H. Repurchase Agreements Transactions Accounted for as a Sale

Not Applicable

I. Reverse Repurchase Agreements Transactions Accounted for as a Sale

Not Applicable

J. Real Estate

Not Applicable

K. Low-Income Housing Tax Credits (LIHTC)

Note 5 – Investments (continued from preceding page)

Restricted Assets

(1) Restricted Assets (Including Pledged)

. ' <u>/</u>	/ Nestricted Assets (including Fledged)												
			Gross	(Admitted &	Nonadmitted)	Restricted				Current	Year		
				Current	Year		6	7	8	9	Percentage		
		1	2	3	4	5			-		10	11	
			G/A Supporting	Total Protected	Protected Cell	·					Gross (Admitted	Admitted	
			Protected Cell	Cell Account	Account Assets			Increase/	Total	Total Admitted	& Nonadmitted)	Restricted to	
	Restricted Asset	Total General	Account Activity	Restricted	Supporting G/A	Total	Total From Prior	(Decrease) (5	Nonadmitted	Restricted	Restricted to	Total Admitted	
	Category	Account (G/A)	(a)	Assets	Activity (b)	(1 plus 3)	Year	minus 6)	Restricted	(5 minus 8)	Total Assets (c)	Assets (d)	
+		Account (O/A)	(α)	Addeta	Activity (b)	(1 plus 5)	i oai	minus o)	restricted	(3 1111103 0)	10tai A336t3 (C)	Assets (u)	
a.													
	contractual obligation for which												
	obligation for which	s -	\$ -	\$ -	s -	s -	s -	\$ -	\$ -	•	- %	0/	
H		3 -	\$ -	ъ -	ъ -	ş -	\$ -	ъ -	ъ -	ъ -	- 70	- %	
b.													
	security lending	44 440 400				44 440 400	10 110 115	(4.000.047)		44 440 400	0.00/	2 20/	
L	arrangements	44,119,498				44,119,498	48,419,145	(4,299,647)		44,119,498	0.2%	0.2%	
C.													
	repurchase												
	agreements										- %	- %	
d.						1							
	repurchase												
	agreements										- %	- %	
e.	Subject to dollar												
	repurchase												
	agreements										- %	- %	
f.	Subject to dollar												
1	reverse repurchase												
	agreements										- %	- %	
g.	Placed under option										,,	,,,	
g.	contracts										- %	- %	
_											70	70	
h.	securities restricted												
	as to sale –												
	excluding FHLB												
	capital stock										- %	- %	
H													
1.	FHLB capital stock										- %	- %	
J.	On deposit with												
L	states	5,692,354				5,692,354	5,877,367	(185,013)		5,692,354	- %	- %	
k.	On deposit with					1							
1	other regulatory					1							
	bodies										- %	- %	
I.	Pledged as												
1	collateral to FHLB					1							
	(including assets												
	backing funding					1							
1	agreements)					1					- %	- %	
m.													
1	collateral not												
1	captured in other					I]]				
	categories					1					- %	- %	
n.													
I	assets					1					- %	- %	
0.						-					70	,,,	
١٠.	Assets	\$ 49,811,852	\$ -	\$ -	\$ -	\$ 49,811,852	\$ 54,296,512	\$ (4,484,660)	\$ -	\$ 49,811,852	0.3%	0.3%	
	1100010	Ψ TU,U11,UJZ	·	Ψ -	Ψ -	Ψ 70,011,032	Ψ J7,2JU,J1Z	Ψ (Τ,ΤΟΤ,ΟΟΟ)	Ψ	Ψ 70,011,032	0.070	0.570	

- (a) Subset of column 1
- (b) Subset of column 3
- Column 5 divided by Asset Page, Column 1, Line 28 Column 9 divided by Asset Page, Column 3, Line 28
- (2) Detail of Assets Pledged as Collateral Not Captured in Other Categories (Contacts that Share Similar Characteristics, Such as Reinsurance and Derivatives, are Reported in the Aggregate)

Not Applicable

(3) Detail of Other Restricted Assets (Contracts that Share Similar Characteristics, such as Reinsurance and Derivatives, are Reported in the Aggregate) Not Applicable

(4) Collateral Received and Reflected as Assets Within the Reporting Entity's Financial Statements

			1	2	3	4
					% of BACV to Total	
		Book/A	djusted Carrying		Assets (Admitted and	% of BACV to Total
	Collateral Assets	Va	lue (BACV)	Fair Value	Nonadmitted)*	Admitted Assets**
a.	Cash, Cash Equivalents and Short-Term Investments	\$	-	\$ -	- %	- %
b.	Schedule D, Part 1				%	%
C.	Schedule D, Part 2, Sec. 1				%	%
d.	Schedule D, Part 2, Sec. 2				%	%
e.	Schedule B				%	%
f.	Schedule A				%	%
g.	Schedule BA, Part 1				%	%
h.	Schedule DL, Part 1		44,119,498	44,119,498	0.2%	0.2%
i.	Other				%	%
j.	Total Collateral Assets (a+b+c+d+e+f+g+i)	s	44,119,498	\$ 44,119,498	0.2%	0.2%

Column 1 divided by Asset Page, Line 26 (Column 1)

Column 1 divided by Asset Page, Line 26 (Column 3)

		1	2
			% of Liability to Total
		Amount	Liabilities
k.	Recognized Obligation to Return Collateral Asset	\$ 44,119,498	0.7%

Column 1 divided by Liability Page, Line 26 (Column 1)

Note 5 - Investments (continued from preceding page)

M. Working Capital Finance Investments

Not Applicable

N. Offsetting and Netting of Assets and Liabilities

Not Applicable

O. Structured Notes

Not Applicable

P. 5* Securities

Not Applicable

Q. Short Sales

Not Applicable

R. Prepayment Penalty and Acceleration Fees

		General Account	Protected Cell
(1)	Number of CUSIPs	81	-
(2)	Aggregate Amount of Investment Income	\$ 2,093,967	\$ -

Note 6 – Joint Ventures, Partnerships and Limited Liability Companies

A. Investments in Joint Ventures, Partnerships and Limited Liability Companies that Exceed 10% of Admitted Assets

Not Applicable

- B. Investments in Impaired Joint Ventures, Partnerships and Limited Liability Companies
 - 1. During 2017 the Company recognized other than temporary impairments on three private equity investments managed by Morgan Stanley. These investments were determined to be other-than-temporarily-impaired due to significantly depressed fair values for an extended period of time.
 - 2. The three private equity investments were written down to a total fair value of \$699,009 resulting in a realized loss of \$1,757,723. The fair value was determined based on the equity value of the private equity holdings.

Note 7 - Investment Income

A. The bases, by category of investment income, for excluding (nonadmitting) any investment income due and accrued:

The Company non-admits investment income due and accrued if the amounts are over 90 days past due.

B. The total amount excluded:

There were no accrued investment income amounts over 90 days past due as of December 31, 2017, or as of December 31, 2016.

Note 8 - Derivative Instruments

Note 9 – Income Taxes

A. Deferred Tax Assets/(Liabilities)

1. Components of Net Deferred Tax Asset/(Liability)

Ť	Components of Net Defended Tax Asset/Elability)											
			2017			2016			Change			
		1	2	3	4	5	6	7	8	9		
				(Col 1+2)			(Col 4+5)	(Col 1-4)	(Col 2-5)	(Col 7+8)		
		Ordinary	Capital	` Total ´	Ordinary	Capital	` Total ´	Ordinary	Capital	` Total ´		
a.	Gross deferred tax	-										
	assets	\$208,291,000	\$ 74,652,000	\$282,943,000	\$419,737,000	\$132,549,000	\$552,286,000	\$(211,446,000)	\$(57,897,000)	\$(269,343,000)		
b.	Statutory valuation											
	allowance											
	adjustment											
C.	Adjusted gross											
	deferred tax assets											
	(1a-1b)	\$208,291,000	\$ 74,652,000	\$282,943,000	\$419,737,000	\$132,549,000	\$552,286,000	\$(211,446,000)	\$(57,897,000)	\$(269,343,000)		
d.	Deferred tax assets											
	nonadmitted											
e.	Subtotal net											
	admitted deferred											
	tax asset (1c-1d)	\$208,291,000	\$ 74,652,000	\$282,943,000	\$419,737,000	\$132,549,000	\$552,286,000	\$(211,446,000)	\$(57,897,000)	\$(269,343,000)		
f.	Deferred tax											
	liabilities	19,429,668	825,968,000	845,397,668	35,558,000	1,055,304,000	1,090,862,000	(16,128,332)	(229,336,000)	(245,464,332)		
g.	Net admitted											
	deferred tax											
	assets/(net deferred											
	tax liability) (1e-1f)	\$188,861,332	\$(751,316,000)	\$(562,454,668)	\$384,179,000	\$(922,755,000)	\$(538,576,000)	\$(195,317,668)	\$171,439,000	\$(23,878,668)		

2. Admission Calculation Components SSAP No. 101

A	amission Calculatio	n Components		ı	1	ı			ı	ı
			2017			2016			Change	
1		1	2	3	4	5	6	7	8	9
				(Col 1+2)			(Col 4+5)	(Col 1-4)	(Col 2-5)	(Col 7+8)
		Ordinary	Capital	Total	Ordinary	Capital	Total	Ordinary	Capital	Total
a.	Federal income	,			,			Í	·	
	taxes paid in prior									
	years recoverable									
	through loss									
	carrybacks	\$186,063,000	¢ _	\$186,063,000	\$184,513,000	¢	\$184,513,000	\$1,550,000	\$ -	\$1,550,000
_		ψ100,000,000	Ψ -	\$100,003,000	ψ104,515,000	Ψ -	ψ104,313,000	ψ1,550,000	Ψ -	ψ1,550,000
b.	Adjusted gross									
	deferred tax assets									
	expected to be									
	realized (excluding									
	the amount of									
	deferred tax assets									
	from 2(a) above)									
	after application of									
	the threshold									
	limitation. (The									
	lesser of 2(b)1 and									
	2(b)2 below:				27,775,000		27,775,000	(27,775,000)		(27,775,000)
	Adjusted gross							(=:,:::,:::)		(=:,:::)
	deferred tax assets									
	expected to be									
	realized following									
	the balance sheet									
					07 775 000		07 775 000	(07 775 000)		(07 775 000)
	date				27,775,000		27,775,000	(27,775,000)		(27,775,000)
	Adjusted gross									
	deferred tax assets									
	allowed per									
	limitation threshold			1,875,266,550			1,727,903,335			147,363,215
C.	Adjusted gross									
	deferred tax assets									
	(excluding the									
	amount of deferred									
	tax assets from									
	2(a) and 2(b)									
	above) offset by									
	gross deferred tax									
	liabilities	22,229,000	74,651,000	96,880,000	207,449,000	132,549,000	339,998,000	(185,220,000)	(57,898,000)	(243,118,000)
d.		22,223,000	14,001,000	30,000,000	201,443,000	132,343,000	555,550,000	(100,220,000)	(37,030,000)	(243,110,000)
a.	Deferred tax assets									
	admitted as the									
	result of application									
	of SSAP 101.				1					
	Total				1.					
	(2(a)+2(b)+2(c)	\$208,292,000	\$74,651,000	\$282,943,000	\$419,737,000	\$132,549,000	\$552,286,000	\$(211,445,000)	\$(57,898,000)	\$(269,343,000)

3. Other Admissibility Criteria

		2017	2016
a.	Ratio percentage used to determine recovery period and threshold limitation amount	697.6%	923.8%
b.	Amount of adjusted capital and surplus used to determine recovery period and threshold		
	limitation in 2(b)2 above	\$12,501,777,004	\$11,519,355,567

Note 9 - Income Taxes (continued from preceding page)

4. Impact of Tax Planning Strategies

(a) Determination of adjusted gross deferred tax assets and net admitted deferred tax assets, by tax character as a percentage.

		12/31/2017										
	12/31/2017			12/31/2016				Change				
		1		2		3		4		5		6
										(Col. 1-3)		(Col. 2-4)
		Ordinary		Capital		Ordinary		Capital		Ordinary		Capital
Adjusted gross DTAs amount from Note												
9A1(c)	\$	208,291,000	\$	74,652,000	\$	419,737,000	\$	3 132,549,000	\$	(211,446,000)	\$	(57,897,000)
Percentage of adjusted gross DTAs by tax character attributable to the impact of tax planning		0/		0/		0/		0/		0/		- %
		- 70		- 70		- 70	+	- 70		- 70		- 70
Gross DTAs amount from Note 9A1(e)	\$	208,291,000	\$	74,652,000	\$	419,737,000	\$	3 132,549,000	\$	(211,446,000)	\$	(57,897,000)
Percentage of net admitted adjusted gross DTAs by tax character admitted because of the impact of tax planning		. 9/		. 9/		. 9/		04		. 0/		- %
	amount from Note 9A1(c) Percentage of adjusted gross DTAs by tax character attributable to the impact of tax planning strategies Net Admitted Adjusted Gross DTAs amount from Note 9A1(e) Percentage of net admitted adjusted gross DTAs by tax character admitted because of the impact	amount from Note 9A1(c) \$ Percentage of adjusted gross DTAs by tax character attributable to the impact of tax planning strategies Net Admitted Adjusted Gross DTAs amount from Note 9A1(e) \$ Percentage of net admitted adjusted gross DTAs by tax character admitted because of the impact of tax planning	Adjusted gross DTAs amount from Note 9A1(c) \$ 208,291,000 Percentage of adjusted gross DTAs by tax character attributable to the impact of tax planning strategies -% Net Admitted Adjusted Gross DTAs amount from Note 9A1(e) \$ 208,291,000 Percentage of net admitted adjusted gross DTAs by tax character admitted because of the impact of tax planning	Adjusted gross DTAs amount from Note 9A1(c) \$ 208,291,000 \$ Percentage of adjusted gross DTAs by tax character attributable to the impact of tax planning strategies -% Net Admitted Adjusted Gross DTAs amount from Note 9A1(e) \$ 208,291,000 \$ Percentage of net admitted adjusted gross DTAs by tax character admitted because of the impact of tax planning	Adjusted gross DTAs amount from Note 9A1(c) \$ 208,291,000 \$ 74,652,000 Percentage of adjusted gross DTAs by tax character attributable to the impact of tax planning strategies -% -% Net Admitted Adjusted Gross DTAs amount from Note 9A1(e) \$ 208,291,000 \$ 74,652,000 Percentage of net admitted adjusted gross DTAs by tax character admitted because of the impact of tax planning	Adjusted gross DTAs amount from Note 9A1(c) \$ 208,291,000 \$ 74,652,000 \$ Percentage of adjusted gross DTAs by tax character attributable to the impact of tax planning strategies -% -% Net Admitted Adjusted Gross DTAs amount from Note 9A1(e) \$ 208,291,000 \$ 74,652,000 \$ Percentage of net admitted adjusted gross DTAs by tax character admitted because of the impact of tax planning	Adjusted gross DTAs amount from Note 9A1(c) \$ 208,291,000 \$ 74,652,000 \$ 419,737,000 Percentage of adjusted gross DTAs by tax character attributable to the impact of tax planning strategies -% -% -% -% Net Admitted Adjusted Gross DTAs amount from Note 9A1(e) \$ 208,291,000 \$ 74,652,000 \$ 419,737,000 Percentage of net admitted adjusted gross DTAs by tax character admitted because of the impact of tax planning	Adjusted gross DTAs amount from Note 9A1(c) \$ 208,291,000 \$ 74,652,000 \$ 419,737,000 \$ Percentage of adjusted gross DTAs by tax character attributable to the impact of tax planning strategies -% -% -% -% Net Admitted Adjusted Gross DTAs amount from Note 9A1(e) \$ 208,291,000 \$ 74,652,000 \$ 419,737,000 \$ Percentage of net admitted adjusted gross DTAs by tax character admitted because of the impact of tax planning	Adjusted gross DTAs amount from Note 9A1(c) \$ 208,291,000 \$ 74,652,000 \$ 419,737,000 \$ 132,549,000 Percentage of adjusted gross DTAs by tax character attributable to the impact of tax planning strategies -% -% -% -% -% Net Admitted Adjusted Gross DTAs amount from Note 9A1(e) \$ 208,291,000 \$ 74,652,000 \$ 419,737,000 \$ 132,549,000 Percentage of net admitted adjusted gross DTAs by tax character admitted because of the impact of tax planning	Adjusted gross DTAs amount from Note 9A1(c) \$ 208,291,000 \$ 74,652,000 \$ 419,737,000 \$ 132,549,000 \$ Percentage of adjusted gross DTAs by tax character attributable to the impact of tax planning strategies	Adjusted gross DTAs amount from Note 9A1(c) \$ 208,291,000 \$ 74,652,000 \$ 419,737,000 \$ 132,549,000 \$ (211,446,000) Percentage of adjusted gross DTAs by tax character attributable to the impact of tax planning strategies	Adjusted gross DTAs amount from Note 9A1(e) \$ 208,291,000 \$ 74,652,000 \$ 419,737,000 \$ 132,549,000 \$ (211,446,000) \$ Percentage of adjusted gross DTAs by tax character attributable to the impact of tax planning strategies

- (b) Does the company's tax planning strategies include the use of reinsurance? NO
- B. Deferred Tax Liabilities Not Recognized

Not Applicable

C. Current and Deferred Income Taxes

The Tax Cuts and Jobs Act was enacted on December 22, 2017. The Act reduces the U.S. federal corporate tax rate from 35% to 21%, requires companies to pay a one-time transition tax on earnings of certain foreign subsidiaries that were previously not recognized by the Company and creates new taxes on certain foreign source earnings. As of December 31, 2017, the Company has made a reasonable estimate of the accounting impact on the existing deferred tax balances and the one-time transition tax. A net provisional expense of \$10,000,000 has been recognized as a component of the current income tax benefit on the Statements of Income and a net provisional benefit of \$372,748,000 as a separate component of gains and losses in unassigned funds (surplus).

Current Income Tax

	1	2	3
			(Col 1-2)
	2017	2016	Change
a. Federal	\$ (446,662,148)	\$ 214,426,654	\$ (661,088,802)
b. Foreign	51,696,565	19,630,317	32,066,248
c. Subtotal	(394,965,583)	234,056,971	(629,022,554)
d. Federal income tax on net capital gains	93,317,000	73,036,000	20,281,000
e. Utilization of capital loss carry-forwards			
f. Other			
g. Federal and Foreign income taxes incurred	\$ (301,648,583)	\$ 307,092,971	\$ (608,741,554)

Note 9 – Income Taxes (continued from preceding page)

2. Deferred Tax Assets

Deterred Tax Assets			
	1	2	3
			(Col 1-2)
	2017	2016	Change
a. Ordinary:			
Discounting of unpaid losses	\$ 17,767,000	\$ 48,717,000	\$ (30,950,000)
Unearned premium reserve	51,991,000	95,529,000	(43,538,000)
Policyholder reserves			
4. Investments			
Deferred acquisition costs			
Policyholder dividends accrual			
7. Fixed assets			
Compensation and benefits accrual	34,656,000	86,823,000	(52,167,000)
Pension accrual	49,208,000	78,636,000	(29,428,000)
10. Receivables - nonadmitted	10,843,000	15,540,000	(4,697,000)
11. Net operating loss carry-forward			
12. Tax credit carry-forward	6,633,000	22,567,000	(15,934,000)
13. Other (items <5% of total ordinary tax assets)	113,000	1,042,000	(929,000)
Other (items >=5% of total ordinary tax assets)		•	
14. Other - nonadmitted	30,292,000	41,706,000	(11,414,000)
15. Unrealized foreign exchange gain	6,788,000	29,177,000	(22,389,000)
99. Subtotal	\$ 208,291,000	\$ 419,737,000	\$ (211,446,000)
b. Statutory valuation allowance adjustment			
c. Nonadmitted			
d. Admitted ordinary deferred tax assets (2a99-2b-2c)	208,291,000	419,737,000	(211,446,000)
e. Capital:			
1. Investments	74,652,000	132,549,000	(57,897,000)
Net capital loss carry-forward			
3. Real estate			
4. Other (items <5% of total capital tax assets)			
Other (items >=5% of total capital tax assets)			
5.			
99. Subtotal	\$ 74,652,000	\$ 132,549,000	\$ (57,897,000)
f. Statutory valuation allowance adjustment			
g. Nonadmitted			
h. Admitted capital deferred tax assets (2e99-2f-2g)	74,652,000	132,549,000	(57,897,000)
i. Admitted deferred tax assets (2d+2h)	\$ 282,943,000	\$ 552,286,000	\$ (269,343,000)

3. Deferred Tax Liabilities

	1	2	3 (0014.2)
	2017	2016	(Col 1-2) Change
a. Ordinary:			
1. Investments	\$ 2,374,000	\$ 3,814,000	\$ (1,440,000)
2. Fixed assets	8,512,000	8,494,000	18,000
Deferred and uncollected premium			
Policyholder reserves			
5. Other (items <5% of total ordinary tax liabilities)	572,668	683,000	(110,332)
Other (items >=5% of total ordinary tax liabilities)			
6.			
99. Subtotal	\$ 19,429,668	\$ 35,558,000	\$ (16,128,332)
b. Capital:			
1. Investments	825,968,000	1,055,304,000	(229,336,000)
2. Real estate			
3. Other (tems <5% of total capital tax liabilities)			
Other (items >=5% of total capital tax liabilities)			
4.			
99. Subtotal	\$ 825,968,000	\$ 1,055,304,000	\$ (229,336,000)
c. Deferred tax liabilities (3a99+3b99)	\$ 845,397,668	\$ 1,090,862,000	\$ (245,464,332)
Net Deferred Tax Assets (2i – 3c)	\$ (562,454,668)	\$ (538,576,000)	\$ (23,878,668)

The Company has remeasured certain deferred tax assets and liabilities based on the rates at which they are expected to reverse in the future, which is generally 21% due to the Tax Cuts and Jobs Act. The Company is still analyzing certain aspects of the Act and refining the calculations, the provisional amount recorded related to the remeasurement of the deferred tax balance was \$(550,645,000) included in the change in unrealized gains and \$177,897,000 included in change in net deferred income tax.

Note 9 - Income Taxes (continued from preceding page)

Reconciliation of Federal Income Tax Rate to Actual Effective Rate

Among the more significant book to tax adjustments were the following:

	Amount	Effective Tax Rate (%)
Permanent Differences:		
Provision computed at statutory rate	\$ (222,268,378)	35.0%
Proration of tax exempt investment income	6,030,000	(0.9)%
Tax exempt income deduction	(16,112,000)	2.5%
Dividends received deduction	(26,367,000)	4.2%
Disallowed travel and entertainment	2,301,000	(0.4)%
Other permanent differences	7,279,720	(1.1)%
Temporary Differences:		
Total ordinary DTAs	181,000	0.0 %
Total ordinary DTLs	16,850,000	(2.7)%
Total capital DTAs		- %
Total capital DTLs		- %
Other:		
Statutory valuation allowance adjustment		- %
Accrual adjustment – prior year	(4,225,000)	0.6%
Effect of tax law and tax rate change	187,897,000	(29.6)%
Totals	(48,433,658)	7.6%
Federal and foreign income taxes incurred	(394,965,583)	62.2%
Realized capital gains (losses) tax	93,317,000	(14.7)%
Change in net deferred income taxes	253,214,925	(39.9)%
Total statutory income taxes	\$ (48,433,658)	7.6%

- E. Operating Loss Carryfowards and Income Taxes Available for Recoupment
 - 1. The amounts, origination dates and expiration dates of operating loss and tax credit carry forwards available for tax purposes:

Not Applicable

The following is income tax expense for current year and proceeding years that is available for recoupment in the event of future net losses:

Year	Amounts
2017	\$ 0
2016	\$ 301,460,000

- 3. The Company's aggregate amount of deposits admitted under Section 6603 of the Internal Revenue Service Code is \$0.
- F. Consolidated Federal Income Tax Return
 - 1. The Company's federal income tax return is consolidated with the following entities:

Factory Mutual Insurance Company (Parent) FMIC Holdings, Inc.

Affiliated FM Insurance Company
Appalachian Insurance Company
Risk Engineering Insurance Company Limited
TSB Loss Control Consultants, Inc.
Corporate Insurance Services, Inc.
Watch Hill Insurance Company

2. The manner in which the Board of Directors sets forth for allocating the consolidated federal income tax:

The method of allocation among companies is subject to a written agreement, approved by the Board of Directors, whereby allocation is made primarily on a separate return basis with current credit for any net operating losses or other items utilized in the consolidated tax return. Intercompany tax balances are settled monthly.

G. Federal or Foreign Federal Income Tax Loss Contingencies:

The Company does not have any tax loss contingencies for which it is reasonably possible that the total liability will significantly increase within twelve months of the reporting date.

Note 10 – Information Concerning Parent, Subsidiaries, Affiliates and Other Related Parties

A. Nature of the Relationship Involved

The Company is not directly or indirectly owned or controlled by any other company, corporation, group of companies, partnership or individual.

B. Transactions

The Company lists its transactions with affiliates on Schedule Y Part 2. During 2017, the Company contributed capital of \$294,133,390 to FM Insurance Europe S.A., an insurance company subsidiary, in order to fund operations.

C. Dollar Amounts of Transactions and Changes in Terms of Intercompany Agreements

Annual Statement for the year 2017 of the FACTORY MUTUAL INSURANCE COMPANY

NOTES TO FINANCIAL STATEMENTS

Note 10 - Information Concerning Parent, Subsidiaries, Affiliates and Other Related Parties (continued from preceding page)

D. Amounts Due From or To Related Parties

Affiliate	2017	2016
Affiliated FM Insurance Company	\$(3,054,397)	\$(70,055,295)
Appalachian Insurance Company	22,161,578	9,373,661
FM Insurance Company Ltd	(24,320,378)	51,993,506
FM Insurance Europe S.A.	(31,986,510)	-
FM Global de Mexico S.A. de C.V.	(17,003,768)	(12,856,017)
FMIC Holdings, Inc.	187,141	34,710
FM do Brasil Servicios de Prevencao de Perdas LTDA	(987,059)	(987,195)
FMIC Escoritorio de Representacao No Brasil LTDA	(298,224)	(533,844)
Corporate Insurance Services, Inc.	139,602	866,293
FM Global Servicios de R.L de C.V.	1,630	82,538
FM Approvals LLC	(10,404,032)	(4,722,010)
TSB Loss Control Consultants	1,245,267	595,225
FM Engineering Consulting (Shanghai) Co. Ltd	142,174	(138,486)
FM Global Services LLC	(1,233,810)	(910,854)
FMRE Holdings LLC	1,871,222	(2,804,990)
Risk Engineering Insurance Company	7,639	36,943
Totals	\$(63,531,926)	\$(30,025,815)

F. Guarantees or Undertakings

The Company has entered into Performance Guarantee agreements with its afffiliates FM Insurance Company Ltd, Affiliated FM Insurance Company, FM Asia Holdings Pte. Ltd., and FM Global de Mexico S.A. de C.V. See Note 14A for further information.

Material Management or Service Contracts and Cost-Sharing Arrangements

The Company provides certain accounting management and other services to its affiliates. Management fees are charged to affiliates for services rendered.

G. Nature of the Control Relationship That Could Affect Operations

Not applicable

Amount Deducted from the Value of Upstream Intermediate Entity or Ultimate Parent Owned

Not applicable

Investments in SCA that Exceed 10% of Admitted Assets Ι

Not applicable

Note that the investment in FMIC Holdings, Inc. is valued utilizing the look-through approach as indicated in Item L and none of the values of the SCA entities owned by FMIC Holdings, Inc. exceeds 10% of the admitted assets of the Company.

Investments in Impaired SCAs

Not applicable

Investment in Foreign Insurance Subsidiary

Not applicable

Investment in Downstream Noninsurance Holding Company

This reporting entity utilizes the look-through approach for the valuation of a downstream non-insurance holding company (FMIC Holdings, Inc.) instead of obtaining audited financial statements of the downstream non-insurance holding company, and therefore makes the following disclosures:

- 1. The carrying value of the downstream non-insurance company is \$2,433,093,181.
- 2. The financial statements of the downstream non-insurance company are not audited.
- 3. The reporting entity has limited the value of its investment in the downstream non-insurance holding company to the value contained in the audited financial statements of applicable SCA entities owned by the downstream non-insurance holding company, and valued in accordance with paragraphs 21 through 24 of SSAP 97.
- 4. All liabilities, commitments, contingencies, guarantees or obligations of the downstream non-insurance holding company, which are required to be recorded as liabilities, commitments, contingencies, guarantees or obligations under applicable accounting guidance, are reflected in the reporting entity's determination of the carrying value of the investment in the downstream non-insurance holding company, if not already recorded in the financial statements of the downstream non-insurance holding company.

M. All SCA Investments

The NAIC agreed with the company's prior year admitted values in all of its non-insurance SCA entity SUB 2 filings.

Note 10 - Information Concerning Parent, Subsidiaries, Affiliates and Other Related Parties (continued from preceding page)

(1) Balance Sheet Value (Admitted and Nonadmitted) All SCAs (Except 8bi Entities)

		Percentage of SCA				
	SCA Entity	Ownership	Gross Amount	Admitted Amount	Nonac	dmitted Amount
a.	SSAP No. 97 8a Entities					
		- %	\$ -	\$ -	\$	-
	Total SSAP No. 97 8a Entities	XXX	\$ -	\$ -	\$	-
b.	SSAP No. 97 8b(ii) Entities					
	FMIC Escritorio de Representacao no Brazil LTDA	100.0%	\$ -	\$ -	\$	-
	TSB Loss Control Consultants, Inc.	100.0%	\$ -	\$ -	\$	-
	Total SSAP No. 97 8b(ii) Entities	XXX	\$ -	\$ -	\$	-
C.	SSAP No. 97 8b(iii) Entities					
	FMRE Holdings LLC	100.0%	\$ 1,077,554,893	\$ 1,077,554,893	\$	-
	FM Approvals LLC	100.0%	\$	\$	\$	-
	Total SSAP No. 97 8b(iii) Entities	XXX	\$ 1,077,554,893	\$ 1,077,554,893	\$	-
d.	SSAP No. 97 8b(iv) Entities					
	FM Global de Mexico S.A de C.V.	100.0%	\$ 35,031,894	\$ 35,031,894	\$	-
	FM Insurance Company Limited	100.0%	\$ 854,931,940	\$ 854,931,940	\$	-
	Risk Engineering Insurance Company Limited	100.0%	\$ 451,286,872	\$ 451,286,872	\$	-
	FM Insurance Europe S.A.	100.0%	\$ 294,221,114	\$ 294,221,114	\$	-
	Total SSAP No. 97 8b(iv) Entities	XXX	\$ 1,635,471,820	\$ 1,635,471,820	\$	-
e.	Total SSAP No. 97 8b Entities (exception 8b(i)					
	entities) (b + c + d)	XXX	\$ 2,713,026,713	\$ 2,713,026,713	\$	-
f.	Aggregate Total (a + e)	XXX	\$ 2,713,026,713	\$ 2,713,026,713	\$	-

(2)

NAIC Filing Respons	se Information						
(Shou	SCA Entity ald be the same entities as shown in M(1) above)	Type of NAIC Filing*	Date of Filing to the NAIC	NAIC Valuation Amount	NAIC Response Received Y/N	NAIC Disallowed Entities Valuation Method Resubmission Required Y/N	Code**
a. SSAP No. 97 8a	a Entities						
				\$ -			
Total SSAP No.	97 8a Entities	XXX	XXX	\$ -	XXX	XXX	XXX
b. SSAP No. 97 8b	o(ii) Entities						
FMIC Escritorio	de Representacao no Brazil LTDA	S1	08/04/2017	\$ -			
TSB Loss Contr	ol Consultants, Inc.	S1	08/04/2017	\$ -			
Total SSAP No.	97 8b(ii) Entities	XXX	XXX	\$ -	XXX	XXX	XXX
c. SSAP No. 97 8b	p(iii) Entities						
FMRE Holdings	LLC			\$1,077,554,893			
FM Approvals L	LC			\$ -			
Total SSAP No.	97 8b(iii) Entities	XXX	XXX	\$1,077,554,893	XXX	XXX	XXX
d. SSAP No. 97 8b	o(iv) Entities						
FM Global de M	exico S.A de C.V.	S2	08/30/2017	\$ 35,031,894	Υ	N	
FM Insurance C	ompany Limited	S2	08/16/2017	\$ 854,931,940	Υ	N	
Risk Engineering	g Insurance Company Limited	S2	08/16/2017	\$ 451,286,872	Υ	N	
FM Insurance E	urope S.A.	S1	10/27/2017	\$ 294,221,114	Υ	N	
Total SSAP No.	97 8b(iv) Entities	XXX	XXX	\$1,635,471,820	XXX	XXX	XXX
e. Total SSAP No.	97 8b Entities (exception 8b(i) entities)						
(b+c+d)		XXX	XXX	\$2,713,026,713	XXX	XXX	XXX
f. Aggregate Total	(a + e)	XXX	XXX	\$2,713,026,713	XXX	XXX	XXX

S1 - Sub-1, S2 - Sub-2 or RDF - Resubmission of Disallowed Filing

Risk Engineering Insurance Company Limted is a subsidiary of FMIC Holdings, Inc., a downstream non-insurance holding company, described above in Note 10(L). The value of Risk Engineering Insurance Company Limted is included within the SUB-2 filing for FMIC Holdings, Inc.

N. Investment in Insurance SCAs

(1) Accounting Practice that Differs from NAIC Statutory Accounting Practices and Procedures

The Company's reported insurance SCA investments include one insurance company that has a permitted practice. Specifically, Affiliated FM Insurance Company (NAIC # 10014), applies paragraph 5(a) of SSAP 23, rather than paragraph 5(b) of SSAP 23, with respect to the methodology applied in translating its Canadian branch to USD. This is consistent with the methodology used in prior years, and a permitted practice has been approved by the State of Rhode Island. The total adjustment to convert Affiliated FM Insurance Company's balance sheet to USD is \$47,352,088, which appears on line 17 - "Net adjustment in assets and liabilities due to foreign exchange rates", on page 3 - "Liabilities" of its 2017 annual statement. There is no net impact on surplus for this practice, and the effect on 2017 net income would be a decrease to net income in the amount of \$3,197,070 (which would be offset by a corresponding increase to surplus).

(2) Monetary Effect on Net Income and Surplus

	Monetary Effect	On NAIC SAP	Amount of Invesment			
				If the Insurance SCA		
				Had Completed		
SCA Entity	Net Income Increase	Surplus Increase	Per Audited Statutory	Statutory Financial		
(Investments in Insurance SCA Entities)	(Decrease)	(Decrease)	Equity	Statements*		
AFFILIATED FM INSURANCE COMPANY	\$ (3,197,070)	\$ -	\$ 1,779,872,466	\$ 1,779,872,466		

^{*} Per AP&P Manual (without permitted or prescribed practices)

I - Immaterial or M - Material

Note 10 - Information Concerning Parent, Subsidiaries, Affiliates and Other Related Parties (continued from preceding page)

(3) RBC Regulatory Event Because of Prescribed or Permitted Practice

Since there is no impact on surplus from this permitted practice, there is no effect on risk-based capital that would have triggered a regulatory event. There is no difference in the amount of the Company's investment in Affiliated FM Insurance Company from applying the permitted practice, rather than applying NAIC statutory accounting principles.

Note 11 - Debt

Not Applicable

Note 12 - Retirement Plans, Deferred Compensation, Postemployment Benefits and Compensated Absences and Other Postretirement Benefit Plans

A. Defined Benefit Plan

The Company sponsors noncontributory retirement income plans in the United States, Canada, and Australia covering the vast majority of employees. The benefits are generally based on years of service and the average of the highest consecutive 60 months of the employee's compensation within the 120 months prior to retirement. The Company's funding policy is to maintain a sufficiently funded level to ensure benefit security and to vary contribution levels as appropriate to business conditions. The Company also has supplemental retirement plans that are noncontributory defined benefit plans covering certain employees.

The Company provides health care and life insurance benefits for certain retired employees and their dependents. Employees not eligible for benefits under pre-merger plan provisions, under age 30 as of January 1, 2000, or hired after January 1, 2000, are ineligible for benefits. Other employees may become eligible if they meet certain age and service requirements. The plans are contributory, with retiree contributions adjusted annually, and contain other cost-saving features such as deductibles and coinsurance.

(1) Change in Benefit Obligation

				Overfunded	Overfunded		Underfunded		Underfunded
				2017	2016		2017		2016
a.	Pen	sion Benefits							
	1.	Benefit obligation at beginning of year	\$	2,251,850,000	\$ 2,046,700,000	\$	178,962,000	\$	141,608,000
	2.	Service cost		59,475,000	48,403,000		2,360,000		1,638,000
	3.	Interest cost		90,966,000	89,338,000		7,051,000		6,056,000
	4.	Continuation by plan participants		556,000	664,000		-		-
	5.	Actuarial gain (loss)		146,329,000	137,247,000		13,766,000		35,287,000
	6.	Foreign currency exchange rate changes		364,000	490,000		-		-
	7.	Benefits paid		76,787,000	70,992,000		8,565,000		5,370,000
	8.	Plan amendments		-	-		-		-
	9.	Business combinations, divestitures, curtailments, settlements and special termination benefits		_	_		_		257,000
	10.	Benefit obligation at end of year	\$	2,472,753,000	\$ 2,251,850,000	\$	193,574,000	\$	178,962,000
			,	Overfunded	 Overfunded	Ė	Underfunded	' '	Underfunded
b.	Post	tretirement Benefits		2017	2016		2017		2016
	1.	Benefit obligation at beginning of year	\$	-	\$ -	\$	209,822,000	\$	206,026,000
	2.	Service cost	Ť			,	1,799,000	ľ	1,838,000
	3.	Interest cost					8,155,000		8,725,000
	4.	Continuation by plan participants					-		-
	5.	Actuarial gain (loss)					12,314,000		5,407,000
	6.	Foreign currency exchange rate changes					-		-
	7.	Benefits paid					12,957,000		12,174,000
	8.	Plan amendments					-		-
	9.	Business combinations, divestitures, curtailments, settlements and special termination benefits					-		-
	10.	Benefit obligation at end of year	\$	-	\$ -	\$	219,133,000	\$	209,822,000
				Overfunded	Overfunded		Underfunded		Underfunded
C.	Spe	cial or Contractual Benefits per SSAP No. 11		2017	2016		2017		2016
	1.	Benefit obligation at beginning of year	\$	-	\$ -	\$	-	\$	-
	2.	Service cost							
	3.	Interest cost							
	4.	Continuation by plan participants							
	5.	Actuarial gain (loss)							
	6.	Foreign currency exchange rate changes							
	7.	Benefits paid							
	8.	Plan amendments							
	9	Business combinations, divestitures, curtailments, settlements and special termination benefits							
	10.	Benefit obligation at end of year	\$	-	\$ -	\$	-	\$	

Note 12 – Retirement Plans, Deferred Compensation, Postemployment Benefits and Compensated Absences and Other Postretirement Benefit Plans (continued from preceding page)

(2) Change in Plan Assets

								Special or Contractual				
		Pension	Benefits		Postretirement	Be	nefits	Benefits per SSAP No. 11				
		2017	2016		2017		2016		2017	2016		
a.	Fair value of plan assets at beginning of year	\$ 2,381,301,000	\$ 2,266,042,000	\$	144,645,000	\$	145,613,000	\$	-	\$ -		
b.	Actual return on plan assets	338,311,000	184,483,000		22,905,000		10,491,000					
C.	Foreign currency exchange rate changes	729,000	1,058,000		_		_					
d.	Reporting entity contribution	8,565,000	5,416,000		1,302,000		1,190,000					
e.	Plan participants' contributions	556,000	664,000		-		-					
f.	Benefits paid	85,352,000	76,362,000		13,337,000		12,649,000					
g.	Business combinations, divestitures and settlements	-	1		-		-					
h.	Fair value of plan assets at end of year	I .	\$ 2,381,301,000	\$	155,515,000	\$	144,645,000	\$	_	\$ -		

(3) Funded Status

			Pension	Be	nefits	Postretirement Benefits				
			2017		2016	2017		2016		
a.	Con	nponents								
	1.	Prepaid benefit costs	\$ 883,697,000	\$	913,300,000	\$ -	\$	-		
	2.	Overfunded plans assets	\$ (712,340,000)	\$	(783,849,000)	\$ -	\$	-		
	3.	Accrued benefit costs	\$ (93,678,000)	\$	(86,998,000)	\$ (30,875,000)	\$	(28,809,000)		
	4.	Liability for pension benefits	\$ (99,896,000)	\$	(91,964,000)	\$ (32,743,000)	\$	(36,368,000)		
b.	Ass	ets and liabilities recognized								
	1.	Assets (nonadmitted)	\$ 171,357,000	\$	129,451,000	\$ -	\$	-		
	2.	Liabilities recognized	(193,574,000)		(178,962,000)	\$ (63,618,000)	\$	(65,177,000)		
C.	Unr	ecognized liabilities	\$ -	\$	-	\$ -	\$	-		

(4) Components of Net Periodic Benefit Cost

		Pension	Benefits	Postretirement	Benefits	Special or Contractual Benefits per SSAP No. 11			
		2017	2016	2017	2016	2017	2016		
а.	Service cost	\$ 61,835,000	\$ 50,041,000	\$ 1,799,000	\$ 1,838,000	\$	- \$		
b.	Interest cost	98,017,000	95,394,000	8,155,000	8,725,000				
C.	Expected return on plan assets	(161,765,000)	(164,817,000)	(9,021,000)	(8,383,000)				
d.	Transition asset or obligation	(120,000)	(116,000)	1,749,000	1,749,000				
е.	Gains and losses	47,085,000	49,282,000	3,218,000	3,854,000				
	Prior service cost or credit	139,000	139,000	4,633,000	4,633,000				
J.	Gain or loss recognized due to a settlement curtailment	-	-	-	-				
١.	Total net periodic benefit cost	\$ 45,191,000	\$ 29,923,000	\$ 10,533,000	\$ 12,416,000	\$	- \$		

(5) Amounts in Unassigned Funds (Surplus) Recognized as Components of Net Periodic Benefit Cost

		Pension	Ber	nefits	Postretirement Benefits			
		2017		2016	2017		2016	
a.	Items not yet recognized as a component of net periodic cost – prior year	\$ 875,811,000	\$	772,578,000	\$ 66,000,000	\$	72,937,000	
b.	Net transition asset or obligation recognized	116,000		260,000	-		-	
C.	Net prior service cost or credit arising during the period	-		-	-		-	
d.	Net prior service cost or credit recognized	(88,000)		(88,000)	26,000		26,000	
e.	Net gain and loss arising during the period	(16,470,000)		152,651,000	(1,570,000)		3,299,000	
f.	Net gain and loss recognized	(47,136,000)		(49,590,000)	(9,626,000)		(10,262,000)	
g.	Items not yet recognized as a component of net periodic cost – current period	\$ 812,233,000	\$	875,811,000	\$ 54,830,000	\$	66,000,000	

(6) Amounts in Unassigned Funds (Surplus) Expected to be Recognized in the Next Fiscal Year as Components of Net Periodic Benefit Cost

		Pension	efits	Postretirement Benefits				
		2017		2016		2017		2016
a.	Net transition asset or obligations	\$ (118,000)	\$	(116,000)	\$	1,749,000	\$	1,749,000
b.	Net prior service cost or credit	\$ 139,000	\$	139,000	\$	4,492,000	\$	4,633,000
C.	Net recognized gains and losses	\$ 40,086,000	\$	47,085,000	\$	2,582,000	\$	3,218,000

Note 12 – Retirement Plans, Deferred Compensation, Postemployment Benefits and Compensated Absences and Other Postretirement Benefit Plans (continued from preceding page)

(7) Amounts in Unassigned Funds (Surplus) that have not yet been Recognized as Components of Net Periodic Benefit Cost

		Pension Benefits				Postretirement Benefits			
		2017		2016		2017		2016	
a.	Net transition asset or obligations	\$ (321,000)	\$	(435,000)	\$	3,060,000	\$	4,808,000	
b.	Net prior service cost or credit	\$ 381,000	\$	520,000	\$	8,226,000	\$	12,859,000	
C.	Net recognized gains and losses	\$ 812,173,000	\$	875,726,000	\$	43,544,000	\$	48,333,000	

(8) Weighted-Average Assumptions Used to Determine Net Periodic Benefit Cost as of December 31

		2017	2016
a.	Weighted-average discount rate	4.0%	4.3%
b.	Expected long-term rate of return on plan assets	6.9%	7.3%
C.	Rate of compensation increase	4.5%	4.5%
Wei	ghted-average assumptions used to determine projected benefit obligations as of December 31		
d.	Weighted-average discount rate	3.6%	4.0%
e.	Rate of compensation increase	4.5%	4.5%

(9) Accumulated Benefit Obligation for Defined Benefit Pension Plans

The amount of the accumulated benefit obligation for defined benefit pension plans was \$2,275,841,000 for the current year and \$2,068,746,000 for the prior year.

(10) For Postretirement Benefits Other Than Pensions, the Assumed Health Care Cost Trend Rate(s)

The Company has two non-pension postretirement healthcare plans in the United States and Canada.

For the United States plan the assumed healthcare cost trend for the next year used to measure the expected cost of benefits covered by the plan is 7.00%. The ultimate trend rate of 5.00% is expected to be achieved in five years.

For the Canada plan the assumed healthcare cost trend for the next year used to measure the expected cost of benefits covered by the plan is 5.50%. The ultimate trend rate of 5.00% is expected to be achieved in three years.

(11) Assumed health care cost trend rates have a significant effect on the amounts reported for the health care plans. A one-percentage point change in assumed health care cost trend rates would have the following effects:

		1	Percentage Point	1 Percentage Point
			Increase	Decrease
a.	Effect on total of service and interest cost components	\$	463,000	\$ (394,000)
b.	Effect on postretirement benefit obligation	\$	12,107,000	\$ (10,432,000)

(12) The following estimated future payments, which reflect expected future service, as appropriate, are expected to be paid in the year indicated:

	Year(s)	Amount
a.	2018	\$ 102,368,000
b.	2019	\$ 107,271,000
C.	2020	\$ 112,016,000
d.	2021	\$ 118,078,000
e.	2022	\$ 125,241,000
f.	2023 through 2027	\$ 699,904,000

(13) Estimate of Contributions Expected to be Paid to the Plan

The Company currently intends to make voluntary contributions to the defined benefit pension plans of \$8,480,000 in 2018. The Company currently intends to make voluntary contributions to other postretirement benefit plans of \$553,000 in 2018.

(14) Amounts and Types of Securities Included in Plan Assets

Not Applicable

(15) Alternative Method Used to Amortize Prior Serve Amounts or Net Gains and Losses

Not Applicable

(16) Substantive Comment Used to Account for Benefit Obligation

Not Applicable

(17) Cost of Providing Special or Contractual Termination Benefits Recognized

Not Applicable

(18) Significant Change in the Benefit Obligation or Plan Assets

Not Applicable

(19) Amount and Time Plan Assets Expected to be Returned

Note 12 – Retirement Plans, Deferred Compensation, Postemployment Benefits and Compensated Absences and Other Postretirement Benefit Plans (continued from preceding page)

(20) Accumulated Postretirement and Pension Benefit Obligation and Fair Value of Plan Assets for Defined Postretirement and Pension Benefit Plans

Not Applicable

(21) Full Transition Surplus Impact of SSAP 102

Not Applicable

B. Investment Policies and Strategies

Description of Investment Policies

The investment policy of the Plans specify the type of securities that may be used, limits on the amount of the asset classes and subclasses, and general principles used in managing the plan's assets. The overriding objective is to maximize long-term total return of plan assets within constraints established to control risk and volatility. Three primary asset classes represent the first layer of asset allocation, these being equity securities, debt securities, and cash equivalents. Since equity securities are expected to provide the highest long-term total return, exposure to equities is emphasized. As a representative example, current approved ranges for the three asset classes in the U.S. Pension fund (which is also the largest of the retirement plans) are as follows:

Equity securities include individual common stocks as well as equity mutual funds and private equity partnerships. All equity investments are based on fundamental analysis of investment variables, including earning prospects, cash flow, balance sheet strength, competitive positioning, and other factors. Diversification is emphasized, with specific size limits on individual stocks, international-oriented mutual funds, small capitalization-oriented funds and private equity. Investment returns are benchmarked against standard indices including the S&P 500 and MSCI global stock indices.

Debt securities include individual securities, primarily in the high-grade taxable subcategory, debt mutual funds, as well as an outside managed portfolio of U.S. high-yield bonds. Debt securities are actively managed, using many of the same investment disciplines as in the Company's general account. These disciplines include diversification of securities and ongoing analysis of the fundamental and valuation factors underlying the securities owned.

Asset class	<u>Range</u>
Equity securities	50 - 80%
Debt securities	10 - 50%
Cash equivalents	0 - 15%

Short-term investments, defined as debt securities with a maturity of less than one year, are held primarily for liquidity purposes and secondarily to reduce duration of fixed income securities when warranted by interest rate levels. Safety of principal is the primary consideration of investment in this asset class, and so only the highest quality investments are used. This will principally be money market funds and commercial paper carrying the highest quality ratings.

The defined benefit pension plan asset allocation and the target asset allocation, presented as a percentage of total plan assets, were as follows:

	Percentage of Plan Assets							
Asset Category	2017	Target Allocation						
Equity Securities	63%	63%						
Debt Securities	23%	27%						
Cash	9%	6%						
Other	5%	4%						
Total	100%	100%						

The defined benefit postretirement plan asset allocation and the target asset allocation, presented as a percentage of total plan assets, were as follows:

	Percentage of Plan Assets						
Asset Category	2017	Target Allocation					
Equity Securities	89%	93%					
Debt Securities	0%	0%					
Cash	10%	7%					
Other	1%	0%					
Total	100%	100%					

Note 12 – Retirement Plans, Deferred Compensation, Postemployment Benefits and Compensated Absences and Other Postretirement Benefit Plans (continued from preceding page)

C. Fair Value of Plan Assets

(1) Fair Value Measurements of Plans Assets at Reporting Date

e							
	(Level 1)		(Level 2)		(Level 3)		Total
\$	202,885,000	\$	-	\$	-	\$	202,885,000
\$	124,496,000	\$	-	\$	-	\$	124,496,000
\$	110,634,000	\$	-	\$	-	\$	110,634,000
\$	264,662,000	\$	-	\$	-	\$	264,662,000
\$	218,829,000	\$	-	\$	-	\$	218,829,000
\$	147,220,000	\$	-	\$	-	\$	147,220,000
\$	263,411,000	\$	-	\$	-	\$	263,411,000
\$	347,582,000	\$	12,278,000	\$	-	\$	359,860,000
\$	115,785,000	\$	-	\$	-	\$	115,785,000
\$	1,795,504,000	\$	12,278,000	\$	-	\$	1,807,782,000
\$		\$		\$		\$	
\$	-	+	_	\$	_	\$	_
\$	_	1.	_	\$	_	\$	_
\$	_	\$	233.909.000	\$	-	\$	233,909,000
i e							
\$	-	\$	72,347,000	\$	-	\$	72,347,000
\$	-	\$		\$	-	\$	
\$	-	\$	25,508,000	\$	-	\$	25,508,000
\$	-	\$	234,635,000	\$	-	\$	234,635,000
\$	-	\$	36,887,000	\$	-	\$	36,887,000
\$	-	\$	603,286,000	\$	-	\$	603,286,000
\$	263 264 000	\$		\$		\$	263,264,000
\$				\$	120 010 000	\$	125,293,000
\$, ,	٠.	615.564.000	\$		\$	2,799,625,000
	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	\$ 202,885,000 \$ 124,496,000 \$ 110,634,000 \$ 264,662,000 \$ 218,829,000 \$ 263,411,000 \$ 347,582,000 \$ 115,785,000 \$ 1,795,504,000 \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ -	\$ 202,885,000 \$ \$ 124,496,000 \$ \$ 110,634,000 \$ \$ 264,662,000 \$ \$ 218,829,000 \$ \$ 263,411,000 \$ \$ 347,582,000 \$ \$ 115,785,000 \$ \$ 1,795,504,000 \$ \$ \$ - \$ \$ \$ - \$ \$ \$ - \$ \$ \$ - \$ \$ \$ - \$ \$ \$ \$ - \$ \$ \$ - \$ \$ \$ - \$ \$ \$ - \$ \$ \$ - \$ \$ \$ - \$ \$ \$ \$ - \$ \$ \$ \$ - \$ \$ \$ \$ - \$ \$ \$ \$ - \$ \$ \$ \$ - \$ \$ \$ \$ - \$ \$ \$ \$ - \$ \$ \$ \$ - \$ \$ \$ \$ - \$ \$ \$ \$ - \$ \$ \$ \$ - \$ \$ \$ \$ - \$ \$ \$ \$ - \$ \$ \$ \$ - \$ \$ \$ \$ \$ - \$ \$ \$ \$ - \$ \$ \$ \$ - \$ \$ \$ \$ - \$ \$ \$ \$ - \$ \$ \$ \$ - \$ \$ \$ \$ - \$ \$ \$ \$ - \$ \$ \$ \$ - \$ \$ \$ \$ - \$ \$ \$ \$ - \$ \$ \$ \$ - \$ \$ \$ \$ - \$ \$ \$ \$ - \$ \$ \$ \$ - \$ \$ \$ \$ - \$ \$ \$ \$ - \$ \$ \$ \$ - \$ \$ \$ \$ - \$ \$ \$ \$ \$ - \$ \$ \$ \$ - \$ \$ \$ \$ - \$ \$ \$ \$ - \$ \$ \$ \$ - \$ \$ \$ \$ \$ \$ - \$ \$ \$ \$ \$ - \$ \$ \$ \$ \$ - \$ \$ \$ \$ \$ - \$ \$ \$ \$ \$ - \$ \$ \$ \$ \$ \$ - \$ \$ \$ \$ \$ - \$ \$ \$ \$ \$ - \$ \$ \$ \$ \$ - \$ \$ \$ \$ \$ - \$ \$ \$ \$ \$ \$ - \$ \$ \$ \$ \$ - \$ \$ \$ \$ \$ \$ - \$ \$ \$ \$ \$ \$ - \$ \$ \$ \$ \$ - \$ \$ \$ \$ \$ \$ - \$ \$ \$ \$ \$ - \$ \$ \$ \$ \$ - \$ \$ \$ \$ \$ \$ - \$ \$ \$ \$ \$ \$ - \$ \$ \$ \$ \$ \$ - \$ \$ \$ \$ \$ \$ - \$ \$ \$ \$ \$ \$ - \$ \$ \$ \$ \$ \$ - \$ \$ \$ \$ \$ \$ - \$ \$ \$ \$ \$ \$ - \$ \$ \$ \$ \$ \$ \$ - \$ \$ \$ \$ \$ \$ \$ - \$ \$ \$ \$ \$ \$ \$ - \$ \$ \$ \$ \$ \$ \$ - \$ \$ \$ \$ \$ \$ \$ - \$ \$ \$ \$ \$ \$ \$ \$ - \$ \$ \$ \$ \$ \$ \$ \$ - \$ \$ \$ \$ \$ \$ \$ \$ \$ - \$	\$ 202,885,000 \$ - \$ 124,496,000 \$ - \$ 110,634,000 \$ - \$ 264,662,000 \$ - \$ 218,829,000 \$ - \$ 263,411,000 \$ - \$ 347,582,000 \$ 12,278,000 \$ 115,785,000 \$ - \$ 1,795,504,000 \$ 12,278,000 \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ -	\$ 202,885,000 \$ - \$ \$ 124,496,000 \$ - \$ \$ 110,634,000 \$ - \$ \$ 264,662,000 \$ - \$ \$ 218,829,000 \$ - \$ \$ 263,411,000 \$ - \$ \$ 347,582,000 \$ 12,278,000 \$ \$ 1,795,504,000 \$ 12,278,000 \$ \$ - \$ 233,909,000 \$ \$ - \$ 233,909,000 \$ \$ - \$ 234,635,000 \$ \$ - \$ 234,635,000 \$ \$ - \$ 36,887,000 \$ \$ 5,283,000 \$ \$ \$ \$	(Level 1) (Level 2) (Level 3) \$ 202,885,000 \$ - \$ - \$ 124,496,000 \$ - \$ - \$ 110,634,000 \$ - \$ - \$ 264,662,000 \$ - \$ - \$ 218,829,000 \$ - \$ - \$ 147,220,000 \$ - \$ - \$ 263,411,000 \$ - \$ - \$ 347,582,000 \$ 12,278,000 \$ - \$ 115,785,000 \$ - \$ - \$ 1,795,504,000 \$ 12,278,000 \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ 233,909,000 \$ - \$ - \$ 234,635,000 \$ - \$ - \$ 25,508,000 \$ - \$ - \$ 36,887,000 \$ - \$ 263,264,000 \$ - \$ 603,286,000 \$ - \$ 5,283,000 \$ 120,010,000 \$ 120,010,000	(Level 1) (Level 2) (Level 3) \$ 202,885,000 \$ - \$ \$ \$ 124,496,000 \$ - \$ \$ \$ 110,634,000 \$ - \$ \$ \$ 264,662,000 \$ - \$ \$ - \$ \$ 218,829,000 \$ - \$ \$ - \$ \$ 147,220,000 \$ - \$ \$ - \$ \$ 263,411,000 \$ - \$ \$ - \$ \$ 347,582,000 \$ 12,278,000 \$ - \$ \$ 115,785,000 \$ - \$ \$ - \$ \$ 1,795,504,000 \$ 12,278,000 \$ - \$ \$ - \$ \$ - \$ \$ - \$ \$ - \$ \$ - \$ \$ - \$ \$ - \$ \$ - \$ \$ - \$ \$ - \$ \$ - \$ \$ - \$ \$ - \$ \$ - \$ \$ - \$ \$ - \$ \$ - \$ \$ - \$ \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ -

(2) Fair Value Measurements in Level 3 of the Fair Value Hierarchy

	Beginning		Transfers	Return on						Ending
Description for each class of plan	Balance at	Transfers	out of Level	Assets Still	Return on					Balance at
assets	1/1/2017	into Level 3	3	Held	Assets Sold	Purchases	Issuances	Sales	Settlements	12/31/2017
Other	\$123,831,000	\$ -	\$ -	\$ (319,000)	\$(4,801,000)	\$5,551,000	\$ -	\$13,854,000	\$ -	\$120,010,000
Total Plan Assets	\$123,831,000	\$ -	\$ -	\$ (319,000)	\$(4,801,000)	\$5,551,000	\$ -	\$13,854,000	\$ -	\$120,010,000

(3) Valuation Technique(s) and Inputs Used to Measure Fair Value

The valuation techniques required by the Fair Value Measurements guidance (SSAP 100) are based upon observable and unobservable inputs. Observable inputs reflect market data obtained from independent sources, while unobservable inputs reflect market assumptions. These two types of inputs create the following fair value hierarchy:

Level 1 Quoted prices for identical instruments in active markets

Level 2 Quoted prices for similar instruments in active markets; quoted prices for identical or similar instruments in markets that are not active; and model-derived valuations whose inputs are observable or whose significant value drivers are observable

Level 3 Significant inputs to the valuation model are unobservable

When available, the Company uses quoted market prices to determine the fair value of investment securities, and they are included in Level 1.

When quoted market prices are unavailable, the Company uses quotes from independent pricing vendors based on recent trading activity and other relevant information, including market interest rate curves, referenced credit spreads and estimated prepayment rates, where applicable. These investments are included in Level 2 and are primarily comprised of fixed income securities.

When pricing is not available from a pricing vendor it is based on significant unobservable inputs. In those circumstances, the investment security is classified in Level 3. These investments are primarily comprised of private equity funds and partnerships.

D. Basis Used to Determine Expected Long-Term Rate-of-Return

Expected rate of return assumptions are created based on assessments of future behavior of asset classes. As part of the process, historical relationships are considered. Using a three- to five-year outlook, estimates of numerous variables have been combined to gauge economic growth potential. Corporate cash flows are correlated with economic growth but also reflect productivity and profit margin trends, with positive cash flow trends driving favorable return to equity owners. Debt security returns are expected to produce somewhat lower returns with a lower level of volatility.

E. Defined Contribution Plans

The Company also sponsors a 401(k) savings plan whereby eligible employees may elect annually to contribute from 1% to 50% of their base pay on a pretax or after-tax basis. Employee contributions are restricted to Internal Revenue Service limits. The Company matches pretax contributions up to 6% of the employee's base pay. Company contributions to the Plan were \$18,318,000 in 2017 and \$17,974,000 in 2016.

Note 12 – Retirement Plans, Deferred Compensation, Postemployment Benefits and Compensated Absences and Other Postretirement Benefit Plans (continued from preceding page)

F. Multiemployer Plans

Not Applicable

G. Consolidated/Holding Company Plans

See Note 12A

H. Postemployment Benefits and Compensated Absences

Not Applicable

I. Impact of Medicare Modernization Act on Postretirement Benefits (INT 04-17)

Not Applicable

Note 13 - Capital and Surplus, Dividend Restrictions and Quasi-Reorganizations

A. Number of Share and Par or State Value of Each Class

Not Applicable

B. Dividend Rate, Liquidation Value and Redemption Schedule of Preferred Stock Issues

Not Applicable

C. Dividend Restrictions

Not Applicable

D. Dates and Amounts of Dividends Paid

Not Applicable

E. Profits that may be Paid as Ordinary Dividends to Stockholders

Not Applicable

F. Restrictions Plans on Unassigned Funds (Surplus)

Not Applicable

G. Amount of Advances to Surplus not Repaid

Not Applicable

H. Amount of Stock Held for Special Purposes

Not Applicable

I. Reasons for Changes in Balance of Special Surplus Funds from Prior Period

Not Applicable

J. The Portion of Unassigned Funds (Surplus) Represented or Reduced by Unrealized Gains and Losses is: \$3,933,180,000.

K. The Reporting Entity Issued the Following Surplus Debentures or Similar Obligations

Not Applicable

L. The impact of any restatement due to prior quasi-reorganizations is as follows

Not Applicable

M. Effective Date of Quasi-Reorganization for a Period of Ten Years Following Reorganization

Not Applicable

Note 14 - Liabilities, Contingencies and Assessments

A. Contingent Commitments

(1) Total SSAP No. 97, Investments in Subsidiary, Controlled, and Affiliated Entities, A Replacement of SSAP No. 88, and SSAP No. 48, Joint Ventures, Partnerships and Limited Liability Company contingent liabilities: \$412,993,563.

Note 14 - Liabilities, Contingencies and Assessments (continued from preceding page)

(2) Detail of Other Contingent Commitments

Factory Mutual Insurance Company, as owner of all the issued and outstanding common stock of FM Insurance Company Limited ("FMI"), has previously entered into a Performance Guarantee agreement with FMI. Specifically, Factory Mutual Insurance Company guarantees the full performance by FMI of its lawful obligations with respect to contracts of insurance and reinsurance issued by FMI on or after January 1, 2004. The agreement has no expiration date, but the terms allow Factory Mutual Insurance Company to terminate or modify the agreement in its sole discretion with respect to new contracts of insurance and reinsurance, not in effect on the date of such termination or modification.

NOTES TO FINANCIAL STATEMENTS

Factory Mutual Insurance Company, as owner of all the issued and outstanding common stock of FMIC Holdings, Inc., the owner of all the issued and outstanding common stock of Affiliated FM Insurance Company ("AFM"), entered into a Performance Guarantee agreement for the benefit of the policyholders of AFM. Specifically, FMIC guarantees the full performance by AFM of its lawful obligations with respect to contracts of insurance and reinsurance issued by AFM on or after January 1, 2014.

Factory Mutual Insurance Company provided a parental guarantee to Singapore Science Park Ltd., the landlord in a real estate project in Singapore, to guarantee the obligations of the tenant, FM Asia Holdings Pte. Ltd., a wholly owned subsidiary of FMRE Holdings LLC, itself a wholly owned subsidiary of the Company.

Factory Mutual Insurance Company provided a parental guarantee to FM Global de Mexico S.A. de C.V., a wholly owned subsidiary, with respect to an insurance contract for a certain polciyholder of FM Global de Mexico S.A. de C.V., whereby Factory Mutual Insurance Company guartanees the payment of losses to the policyholder per the contract terms.

There are no current or anticipated amounts payable under these agreements, nor are there any amounts anticipated to be payable. Should any amounts ever become payable, Factory Mutual Insurance Company would be required to contribute sufficient cash to these companies to enable them to fulfill their contractual obligations. There are no applicable carrying values with respect to these agreements, and due to their nature the likelihood of potential future payments is remote and not quantifiable or determinable.

(3) Aggregate Compilation of Guarantee Obligations

Not Applicable

R Assessments

(1) Nature of Any Assets That Could Have a Material Financial Effect

The Company is subject to quaranty fund and other assessments by the states in which it writes business. Insurance company insolvencies in states where the Company writes business may result in guaranty fund assessments on future premiums.

The Company has accrued a liability for guaranty fund and other assessments of \$500,000 and a related premium tax benefit asset of \$161,000.

The amount recorded represents management's best estimates based on information received from the states in which the company writes business. The liability is included in the taxes, licenses and fees liability and will be paid in the next year. The asset is included in the guaranty funds receivable asset and is expected to be realized over the five to ten years following payment.

At times, the Company has the ability to recover a portion of the accrued assessment liability through policyholder surcharges. As of December 31, 2017, the asset related to policyholder surcharges, which appears within Page 2 line 25, is \$129,000.

(2) Assets Recognized From Paid and Accrued Premium Tax Offsets and Policy Surcharges

a.	Assets recognized from paid a	nd accrued premium tax offsets and policy surcharges prior year-end	\$	192,000				
b.	Decreases current year:	Decreases current year: Premium tax offset applied						
C.	Increases current year:	Premium tax credits generated	\$	5,000				
d.	Assets recognized from paid a	\$	161,000					

(3) Undiscounted and Discounted Guaranty Fund Assessments

Not Applicable

C Gain Contingencies

Not Applicable

Claims Related Extra Contractual Obligation and Bad Faith Losses Stemming from Lawsuits

Not Applicable

Product Warranties

Not Applicable

Joint and Several Liabilities

Note 14 – Liabilities, Contingencies and Assessments (continued from preceding page)

G All Other Contingencies

At December 31, 2017 and 2016 the Company had admitted premiums receivable assets of \$527,414,381 and \$530,215,499, respectively, in premiums receivable due from policyholders, agents and ceding insurers. The Company routinely assesses the collectability of these receivables. Based upon Company experience, any uncollectible premium receivables as of December 31, 2017 are not expected to exceed the nonadmitted amount totaling \$51,829,073, and therefore, no additional provision for uncollectible amounts has been recorded. The potential for any additional loss is not believed to be material to the Company's financial condition.

Lawsuits arise against the Company in the normal course of business. Contingent liabilities arising from litigation, income taxes and other matters are not considered material in relation to the financial position of the Company. The Company has no asset that is considered impaired.

Note 15 - Leases

Lessee Operating Lease

- (1) Lessee's Leasing Arrangements
 - a. Rental Expense

In connection with its various operating offices through North America, the Company leases office space, equipment and automobiles. These leases are classified as operating leases. Rental expense for all operating leases was \$56,159,376 in 2017 and \$53,343,627 in 2016.

b. Basis on Which Contingent Rental Payments are Determined

Not Applicable

Existence and Terms of Renewal or Purchase Options and Escalation Clauses

Not Applicable

Restrictions Imposed by Lease Agreements

Not Applicable

Identification of Lease Agreements that have been Terminated Early

Not Applicable

- (2) Leases with Initial or Remaining Noncancelable Lease Terms in Excess of One Year
 - At January 1, 2018 the minimum aggregate rental commitments are as follows:

Year	Ending December 31	Operating Leases					
1.	2018	\$	27,514,503				
2.	2019	\$	26,679,436				
3.	2020	\$	22,516,161				
4.	2021	\$	15,294,506				
5.	2022	\$	15,287,315				
6.	Total	\$	199,367,251				

Certain rental committments have renewal options extending through the year 2048. Some of these renewals are subject to adjustments in future periods.

Total of Minimum Rentals to be Received in the Future under Noncancelable Subleases

Not Applicable

(3) For Sale-Leaseback Transactions

Not Applicable

Lessor Leases

Not Applicable

Note 16 - Information about Financial Instruments with Off-Balance Sheet Risk and Financial Instruments with Concentrations of Credit Risk

Not Applicable

Note 17 - Sale, Transfer and Servicing of Financial Assets and Extinguishments of Liabilities

Transfers of Receivables Reported as Sales

Note 17 - Sale, Transfer and Servicing of Financial Assets and Extinguishments of Liabilities (continued from preceding page)

Transfer and Servicing of Financial Assets

(1) Description of any Loaned Securities

Under a securities lending program with an agent, the Company has temporarily loaned certain debt securities with a fair value of \$181,243,100 and \$49,488,167 at December 31, 2017 and December 31, 2016, respectively. Borrowers of these securities must deposit an amount of cash and/or securities equal to 102% of the fair value of domestic securities or 105% of foreign securities. The Company continues to receive the interest on the loaned debt securities as a beneficial owner, and the loaned debt securities are included in the investment portfolio of the Company. The agent holds any securities pledged as collateral in trust for the borrower, and invests any cash collateral pledged in high quality short term securities. There are no collateral transactions that extend beyond one year.

(2) Servicing Assets and Servicing Liabilities

Not Applicable

(3) When Servicing Assets and Liabilities are Measured at Fair Value

Not Applicable

(4) Securitizations, Asset-Based Financing Arrangements and Similar Transfers Accounted for as Sales

Not Applicable

(5) Disclosure Requirements for Transfers of Assets Accounted for as Secured Borrowing

Not Applicable

(6) Transfer of Receivables with Recourse

Not Applicable

(7) Securities Underlying Repurchase and Reverse Repurchase Agreements, Dollar Repurchase and Dollar Reverse Repurchase Agreements

Not Applicable

Wash Sales

Not Applicable

Note 18 - Gain or Loss to the Reporting Entity from Uninsured Plans and the Portion of Partially Insured Plans

Not Applicable

Note 19 - Direct Premium Written/Produced by Managing General Agents/Third Party Administrators

Not Applicable

Note 20 - Fair Value Measurements

Fair Value Measurements

(1) Fair Value Measurements at Reporting Date

The Company categorizes its invested assets that are measured at fair value into the three-level fair value hierarchy. Item 4 provides a discussion of each of these three levels.

					Net Asset Value (NAV) Included in
	Level 1	Level 2	Level 3	Total	Level 2
Assets at Fair Value					
Bonds	\$ -	\$ 59,563,151	\$ -	\$ 59,563,151	\$ -
Common Stocks - Industrial & Miscellaneous	\$ 5,621,893,315	\$ -	\$ -	\$ 5,621,893,315	\$ -
Common Stocks - Mutual Funds	\$ 873,522,720	\$ 107,383,503	\$ -	\$ 980,906,223	\$ -
Cash Equivalents	\$ 587,400,690	\$ -	\$ -	\$ 587,400,690	\$ -
Total	\$ 7,082,816,725	\$ 166,946,654	\$	\$ 7,249,763,379	\$ -
Liabilities at Fair Value					
	\$ -	\$ -	\$ -	\$ -	\$ -
Total	\$ -	\$ -	\$ -	\$ -	\$ -

(2) Fair Value Measurements in (Level 3) of the Fair Value Hierarchy

The Company has no assets measured at fair value in the Level 3 category.

(3) Policies when Transfers Between Levels are Recognized

At the end of each reporting period, the Company evaluates whether or not any event has occurred or circumstances have changed that would cause an instrument to be transferred into or out of Level 3. The Company has no assets measured at fair value in the Level 3 category.

Note 20 - Fair Value Measurements (continued from preceding page)

(4) Description of Valuation Techniques and Inputs Used in Fair Value Measurement

The valuation techniques required by the Fair Value Measurements guidance (SSAP 100) are based upon observable and unobservable inputs. Observable inputs reflect market data obtained from independent sources, while unobservable inputs reflect market assumptions. These two types of inputs create the following fair value hierarchy:

Level 1 Quoted prices for identical instruments in active markets

Level 2 Quoted prices for similar instruments in active markets; quoted prices for identical or similar instruments in markets that are not active; and model-derived valuations whose inputs are observable or whose significant value drivers are observable

Level 3 Significant inputs to the valuation model are unobservable

The Company retains independent pricing vendors to assist in valuing invested assets when the prices are not available from the SVO.

When available, the Company uses quoted market prices to determine the fair value of investment securities, and they are included in Level 1.

When quoted market prices are unavailable, the Company uses quotes from independent pricing vendors based on recent trading activity and other relevant information, including market interest rate curves, referenced credit spreads and estimated prepayment rates, where applicable. These investments are included in Level 2 and are primarily comprised of fixed income securities which are NAIC rated 3 or below.

In infrequent circumstances, the pricing is not available from the pricing vendor and is based on significant unobservable inputs. In those circumstances, the investment security is classified in Level 3. There are no Level 3 investments at reporting date.

(5) Derivative Fair Value Disclosures

Not Applicable

Fair Value Reporting under SSAP 100 and Other Accounting Pronouncements

Not Applicable

Fair Value Level

The table below reflects the fair value and admitted values of all admitted values of all admitted assets and liabilities that are financial instruments. The fair values are also categorized into the three-level fair value hierarchy as described in Note 20A.

Type of Financial Instrument	Aggregate Fair Value	Admitted Assets	(Level 1)	(Level 2)	(Level 3)	Not Practicable (Carrying Value)	Net Asset Value (NAV) Included in Level 2
· · ·			(/	\ /	(Level 3)	(Carrying value)	III LEVEI Z
Bonds	\$4,571,493,855	\$ 4,522,442,521	-	\$4,522,442,521	\$ -	\$ -	\$ -
Common Stocks	\$6,602,799,538	\$ 6,602,799,538	\$ 6,495,416,035	\$ 107,383,503	\$ -	\$ -	\$ -
Cash, Cash Equivalents and Short							
Term Investments	\$1,030,053,090	\$ 1,030,053,090	\$ 1,030,053,090	\$ -	\$ -	\$ -	\$ -
Securities Lending Reinvested							
Collateral Assets	\$ 44,119,498	\$ 44,119,498	\$ 44,119,498	\$ -	\$ -	\$ -	\$ -
Total	\$12,248,465,981	\$12,199,414,647	\$ 7,569,588,623	\$4,629,826,024	\$ -	\$ -	\$ -

D. Not Practicable to Estimate Fair Value

Not Applicable

Note 21 - Other Items

Unusual or Infrequent Items

Not Applicable

B. Troubled Debt Restructuring Debtors

Not Applicable

C. Other Disclosures

> The Company records Canadian activity in Canadian dollars in the Annual Statement. The net balance of Canadian assets and liabilities which represent a portion of the Company's surplus, is adjusted to U.S. dollars through the "change in net unrealized foreign exchange" adjustment line on page 4, line 25. This has the effect of converting total surplus to U.S. Dollars.

D Business Interruption Insurance Recoveries

- F State Transferable and Non-Transferable Tax Credits
 - Carrying Value of Transferable and Non-Transferable State Tax Credits Gross of any Related Tax Liabilities and Total Unused Transferable and Non-Transferable State Tax Credits by State and in Total

Description of State Transferable and Non-Transferable Tax Credits	State	Carrying Value	Unused Amount
Investment Tax Credit	RI	\$	\$ 2,084,126
Total		\$ -	\$ 2,084,126

Note 21 - Other Items (continued from preceding page)

(2) Method of Estimating Utilization of Remaining Transferable and Non-Transferable State Tax Credits

The Company estimated the utilization of the remaining Transferable and Non-transferable State Tax Credits by projecting future premium taking into account policy growth and rate changes, projecting future tax liability based on projected premium, tax rates and tax credits, and comparing projected future tax liability to the availability of remaining Transferable and Non-transferable State Tax Credits.

(3) Impairment Loss

Not Applicable

(4) State Tax Credits Admitted and Nonadmitted

None

- F. Subprime Mortgage Related Risk Exposure
 - (1) Description of the Subprime-Mortgage-Related Exposure and Related Risk Management Policies

The Company defines its exposure to subprime mortgage related risk by considering securities with a weighted average FICO/Credit score of less than 660 to be subprime. The company monitors the underlying collateral performance of these securities via monthly trustee reports, Bloomberg performance data and Rating Agency performance reports. The company has minimal exposure to subprime securities and has no plans to increase its holding in subprime securities at this time. This exposure will not materially affect the Company's unrealized losses or anticipated cash flows.

(2) Direct Exposure Through Investments in Subprime Mortgage Loans

Not Applicable

(3) Direct Exposure Through Other Investments

			Book/Adjusted Carryir	ng		Other-Than-Temporary Impairment Losses
		Actual Cost	Value (Excluding Interes	est)	Fair Value	Recognized
a.	Residential mortgage backed					
	securities	\$ 1,329,852	\$ 1,343,21	5	\$ 3,878,629	\$ -
b.	Commercial mortgage backed					
	securities					
C.	Collateralized debt obligations					
d.	Structured securities					
e.	Equity investments in SCAs*					
f.	Other assets					
g.	Total	\$ 1,329,852	\$ 1,343,21	5	\$ 3,878,629	\$ -

These investments comprise 0 % of the company's invested assets.

(4) Underwriting Exposure to Subprime Mortgage Risk Through Mortgage Guaranty or Financial Guaranty Insurance Coverage

Not Applicabe

G. Insurance-Linked Securities (ILS) Contracts

Not Applicable

Note 22 - Events Subsequent

Subsequent events have been considered through February 23, 2018 for these statutory financial statements which are to be issued February 23, 2018. There were no events occurring subsequent to the end of the year that merited recognition or disclosure in these statements.

A. - H. The Company does not write health insurance policies, and therefore is not subject to Section 9010 of the Affordable Care Act.

Note 23 - Reinsurance

A. Unsecured Reinsurance Recoverables

Not Applicable

B. Reinsurance Recoverable in Dispute

- C. Reinsurance Assumed and Ceded
 - (1) Maximum Amount of Return Commission

	Assumed Reinsurance					Ceded Reinsurance					Net			
	Premium Reserve		Co	mmission Equity	on Equity Premium F		erve Commission Equity		Premium Reserve		Commission Equity			
a.	Affiliates	\$ 1	41,006,364	\$	2,835,413	\$	61,776,000	\$	12,355,200	\$	79,230,364	\$	(9,519,787)	
b.	All Other	3	45,828,636		62,040,381		418,445,857		61,941,465		(72,617,221)		98,916	
C.	Total	\$ 4	86,835,000	\$	64,875,794	\$	480,221,857	\$	74,296,665	\$	6,613,143	\$	(9,420,871)	

d.	Direct Unearned Premium Reserves	\$ 1,253,464,987

NOTES TO FINANCIAL STATEMENTS

Note 23 - Reinsurance (continued from preceding page)

(2) Additional or Return Commission

Not Applicable

(3) Types of Risks Attributed to Protected Cell

Not Applicable

D. Uncollectible Reinsurance

Not Applicable

E. Commutation of Ceded Reinsurance

Not Applicable

F. Retroactive Reinsurance

Not Applicable

G. Reinsurance Accounted for as a Deposit

Not Applicable

H. Disclosures for the Transfer of Property and Casualty Run-off Agreements

Not Applicable

I. Certified Reinsurer Rating Downgraded or Status Subject to Revocation

Not Applicable

J. Reinsurance Agreements Qualifying for Reinsurer Aggregation

Not Applicable

Note 24 - Retrospectively Rated Contracts and Contracts Subject to Redetermination

Not Applicable

Note 25 - Change in Incurred Losses and Loss Adjustment Expenses

A. Change in Incurred Losses and Loss Adjustment Expenses

As a result of changes in estimates of insured events related to prior years, the provision for losses and loss adjustment expenses decreased by \$35,596,000. The decrease in the prior years was primarily due to the reduction of incurred-but-not-reported (IBNR) reserves based on actual experience and decreases on a small number of individual losses.

No additional premiums or return of premiums have been accrued as a result of prior year effects.

B. Information about Significant Changes in Methodologies and Assumptions

Not Applicable

Note 26 - Intercompany Pooling Arrangements

A. Identification of the Lead Entity and all Affiliated Entities Participating in the Intercompany Pool

Lead Entity and all Affiliated Entities	NAIC Company Code	Pooling Percentage
Factory Mutual Insurance Company (lead insurer)	21482	86.0%
Affiliated FM Insurance Company	10014	12.0%
Appalachian Insurance Company	10316	2.0%

The percentages represent the policyholder's surplus of each company compared to the combined policyholder's surplus for the three companies.

B. Description of Lines and Types of Business Subject to the Pooling Agreement

The parties agreed to pool net premiums earned, net losses and loss adjustment expenses incurred, and other underwriting expenses incurred. Each company agreed to cede and/or assume from the others that amount of net premium earned, reported in the NAIC Annual Statement, Page 4, Line 1, less that amount of dividends to policyholders reported on Page 4, Line 17, net losses and loss adjustment expenses incurred included in the NAIC Annual Statement, Page 4 Lines 2 and 3 and other underwriting expenses incurred reported in the NAIC Annual Statement, Page 4, Line 4, required to bring its share to the agreed upon percentage of the total. Also, premiums and losses that are assumed and ceded pursuant to stop loss reinsurance treaties between Factory Mutual Insurance Company (Asia Pacific branches) and Affiliated FM Insurance Company, and pursuant to an intercompany reinsurance agreement between the Canadian branches of Factory Mutual Insurance Company and Affiliated FM Insurance Company, are excluded from the intercompany pooling agreement.

The pooling activity is recorded and settled as current accident and occurrence year transactions for Schedule P reporting purposes. The pooling results are considered as written and earned in the current accident year. The pooling results of losses and loss adjustment expenses paid and incurred are reflected in the current occurrence year.

C. Description of Cessions to Non-Affiliated Reinsurance Subject to Pooling Agreement

Reinsurance may be externally ceded on a facultative and/or treaty basis by any pool participant prior to pooling.

NOTES TO FINANCIAL STATEMENTS

Note 26 - Intercompany Pooling Arrangements (continued from preceding page)

D. Identification of all Pool Members that are Parties to Reinsurance Agreements with Non-Affiliated Reinsurers

Each pool participant has a contactual right of direct recovery from its own external reinsurers.

F. Explanation of Discrepancies Between Entries of Pooled Business

There are no discrepancies between the assumed and ceded reinsurance schedules of the pool participants.

Description of Intercompany Sharing of the Provision for Reinsurance

Each pool participant establishes its respective provision for reinsurance in Schedule F and the write-off of uncollectible reinsurance for its own facultative and treaty cessions.

G. Amounts Due To/From Lead Entity and all Affiliated Entities Participating in the Intercompany Pool

Name of Insurer	Amounts Receivable	Amounts Payable
Factory Mutual Insurance Company (lead insurer)	\$147,618,146	\$32,706,547
Affiliated FM Insurance Company	\$15,723,617	\$116,623,410
Appalachian Insurance Company	\$16,982,930	\$30,994,736

Note 27 - Structured Settlements

Not Applicable

Note 28 - Health Care Receivables

Not Applicable

Note 29 - Participating Policies

Not Applicable

Note 30 - Premium Deficiency Reserves

The Company evaluated whether a premiums deficiency reserve is required as of December 31, 2017 and determined that a premium deficiency reserve is not applicable.

The Company does not anticipate investment income when evaluating the need for a premium deficiency reserve

1. Liability carried for premium deficiency reserve: \$0

2. Date of most recent evaluation of this liability: February 8, 2018

Was anticipated investment income utilized in the calculation?

Yes [] No [X]

Note 31 - High Deductibles

Not Applicable

Note 32 - Discounting of Liabilities for Unpaid Losses or Unpaid Loss Adjustment Expenses

Not Applicable

Note 33 - Asbestos/Environmental Reserves

Does the company have on the books, or has it ever written an insured for which you have identified a potential for the existence of a liability due to asbestos A. losses?

The Company has potential exposure involving asbestos, environmental impairment liability, and other types of tort-related claims, which applies only to the casualty and assumed reinsurance business now in runoff. Management has indicated that liabilities are recognized for known claims (including the cost of related litigation) when sufficient information has been developed to indicate the involvement of a specific insurance policy, and the Company's liabilities can be reasonably estimated. Additional reserves for such claims are established to cover further exposures on both known and unasserted claims based on facts currently known and the present state of the law and coverage litigation. The reserves for these types of claims are included in the foregoing loss and loss adjustment expense reserves and are subject to considerable uncertainty, due to the potential severity of the claims and the uncertain legal climate.

NOTES TO FINANCIAL STATEMENTS

Note 33 - Asbestos/Environmental Reserves (continued from preceding page)

(1) Direct - Asbestos

		2013	2014	2015	2016	2017
a.	Beginning reserves (including Case,					
	Bulk + IBNR Loss & LAE)	\$ 337,759,000	\$ 325,456,000	\$ 294,599,000	\$ 327,477,000	\$ 302,847,000
b.	Incurred losses and loss adjustment					
	expense	2,900,000	(10,612,000)	47,806,000	(4,769,000)	8,612,000
C.	Calendar year payments for losses					
	and loss adjustment expenses	15,203,000	20,245,000	14,928,000	19,861,000	19,377,000
d.	Ending reserves (including Case,					
	Bulk + IBNR Loss & LAE)	\$ 325,456,000	\$ 294,599,000	\$ 327,477,000	\$ 302,847,000	\$ 292,082,000

(2) Assumed Reinsurance - Asbestos

		2013	2014	2015	2016	2017
a.	Beginning reserves (including Case,					
	Bulk + IBNR Loss & LAE)	\$ 403,204,000	\$ 485,401,000	\$ 470,835,000	\$ 507,928,000	\$ 483,185,000
b.	Incurred losses and loss adjustment					
	expense	107,647,000	25,895,000	71,380,000	9,003,000	33,669,000
C.	Calendar year payments for losses					
	and loss adjustment expenses	25,450,000	40,461,000	34,287,000	33,746,000	32,321,000
d.	Ending reserves (including Case,	•	•			
	Bulk + IBNR Loss & LAE)	\$ 485,401,000	\$ 470,835,000	\$ 507,928,000	\$ 483,185,000	\$ 484,533,000

(3) Net of Ceded Reinsurance - Asbestos

		2013	2014	2015	2016	2017
a.	Beginning reserves (including Case,					
	Bulk + IBNR Loss & LAE)	\$ 346,570,000	\$ 458,239,000	\$ 434,431,000	\$ 454,195,000	\$ 435,952,000
b.	Incurred losses and loss adjustment					
	expense	129,000,000	5,464,000	41,771,000	6,401,000	35,609,000
C.	Calendar year payments for losses					
	and loss adjustment expenses	17,331,000	29,272,000	22,007,000	24,644,000	20,790,000
d.	Ending reserves (including Case,	•				•
	Bulk + IBNR Loss & LAE)	\$ 458,239,000	\$ 434,431,000	\$ 454,195,000	\$ 435,952,000	\$ 450,771,000

B. State the amount of the ending reserves for Bulk and IBNR included in A (Loss and LAE)

(1)	Direct basis	\$ 262,968,000
(2)	Assumed reinsurance basis	336,393,000
(3)	Net of ceded reinsurance basis	\$ 340,706,000

C. State the amount of the ending reserves for loss adjustment expenses included in A (Case, Bulk and IBNR)

(1)	Direct basis	\$ 10,666,640
(2)	Assumed reinsurance basis	51,602,257
(3)	Net of ceded reinsurance basis	\$ 51.304.827

D. Does the company have on the books, or has it ever written an insured for which you have identified a potential for the existence of a liability due to environmental losses?

The Company has potential exposure involving asbestos, environmental impairment liability, and other types of tort-related claims, which applies only to the casualty and assumed reinsurance business now in runoff. Management has indicated that liabilities are recognized for known claims (including the cost of related litigation) when sufficient information has been developed to indicate the involvement of a specific insurance policy, and the Company's liabilities can be reasonably estimated. Additional reserves for such claims are established to cover further exposures on both known and unasserted claims based on facts currently known and the present state of the law and coverage litigation. The reserves for these types of claims are included in the foregoing loss and loss adjustment expense reserves and are subject to considerable uncertainty, due to the potential severity of the claims and the uncertain legal climate.

(1) <u>Direct - Environmental</u>

		2013	2014	2015	2016		2017
a.	Beginning reserves	\$ 17,174,000	\$ 16,501,000	\$ 14,932,000	\$ 16,596,000	\$	15,399,000
b.	Incurred losses and loss adjustment						
	expense	100,000	(540,000)	2,423,000	(187,000)		636,000
C.	Calendar year payments for losses and						
	loss adjustment expenses	773,000	1,029,000	759,000	1,010,000		985,000
d.	Ending reserves	\$ 16,501,000	\$ 14,932,000	\$ 16,596,000	\$ 15,399,000	\$	15,050,000

(2) Assumed Reinsurance - Environmental

		2	2013	2014	2015	2	2016	2017
a.	Beginning reserves	\$	61,126,000	\$ 72,348,000	\$ 76,213,000	\$	86,914,000	\$ 83,974,000
b.	Incurred losses and loss adjustment							
	expense		13,185,000	5,979,000	12,509,000		962,000	1,623,000
C.	Calendar year payments for losses and							
	loss adjustment expenses		1,963,000	2,114,000	1,808,000		3,902,000	2,656,000
d.	Ending reserves	\$	72,348,000	\$ 76,213,000	\$ 86,914,000	\$	83,974,000	\$ 82,941,000

NOTES TO FINANCIAL STATEMENTS

Note 33 – Asbestos/Environmental Reserves (continued from preceding page)

(3) Net of Ceded Reinsurance - Environmental

		2013	2014	2015	2016	2017
a.	Beginning reserves	\$ 49,543,000	\$ 61,054,000	\$ 62,778,000	\$ 71,983,000	\$ 64,243,000
b.	Incurred losses and loss adjustment					
	expense	13,000,000	3,874,000	10,627,000	(4,729,000)	2,452,000
d.	Calendar year payments for losses and					
	loss adjustment expenses	1,489,000	2,150,000	1,422,000	3,011,000	2,284,000
d.	Ending reserves	\$ 61,054,000	\$ 62,778,000	\$ 71,983,000	\$ 64,243,000	\$ 64,411,000

E. State the amount of the ending reserves for Bulk and IBNR included in D (Loss and LAE)

(1)	Direct basis	\$ 13,570,000
(2)	Assumed reinsurance basis	64,861,000
(3)	Net of ceded reinsurance basis	\$ 48,784,000

F. State the amount of the ending reserves for loss adjustment expenses included in D (Case, Bulk and IBNR)

(1)	Direct basis	\$ 542,235
(2)	Assumed reinsurance basis	6,297,886
(3)	Net of ceded reinsurance basis	\$ 7,284,246

Note 34 - Subscriber Savings Accounts

Not Applicable

Note 35 - Multiple Peril Crop Insurance

Not Applicable

Note 36 - Financial Guaranty Insurance

Not Applicable

PART 1 - COMMON INTERROGATORIES

GENERAL

1.1	Is the reporting entity a member of an Insurance Holding Company System consisting of two or more affiliated persons, one or more of which is an insurer? If yes, complete Schedule Y, Parts 1, 1A and 2.						Yes [X	[] No[]
1.2	If yes, did the reporting entity register and file with its domiciliary State Insurance Commissioner, Director or Superintendent or with such regulatory official of the state of domicile of the principal insurer in the Holding Company System, a registration statement providing disclosure substantially similar to the standards adopted by the National Association of Insurance Commissioners (NAIC) in its Model Insurance Holding Company System Regulatory Act and model regulations pertaining thereto, or is the reporting entity subject to standards and disclosure requirements substantially similar to those required by such Act and regulations?] N/A[]
1.3		State regulating? Rhode Island					No [1 .0,[]
2.1	_	ange been made during the year of this statement in the charter, by-laws, article	s of incorpor	ation, or deed of settlement of the			Yes[]] No [X]
2.2	If yes, date	of change:						
3.1	State as of	what date the latest financial examination of the reporting entity was made or is	being made.				12/31/20	017
3.2	State the as of date that the latest financial examination report became available from either the state of domicile or the reporting entity.							040
3.3	This date should be the date of the examined balance sheet and not the date the report was completed or released. State as of what date the latest financial examination report became available to other states or the public from either the state of domicile or							012
3.4	•	g entity. This is the release date or completion date of the examination report an partment or departments?	nd not the da	ite of the examination (balance sheet date).			01/10/20	014
	Rhode Islar	nd Division of Insurance						
3.5		ancial statement adjustments within the latest financial examination report been iled with departments?	accounted for	or in a subsequent financial	Vo	s[]	No []	N/A [X]
3.6		the recommendations within the latest financial examination report been complic	ad with?			s[]	No [] No []	
4.1		period covered by this statement, did any agent, broker, sales representative, no		ales/service organization or any combination	16	>[]	NO[]	IN/A[A]
7.1	thereof und	er common control (other than salaried employees of the reporting entity) receiv 20 percent of any major line of business measured on direct premiums) of:						
	•	sales of new business?					Yes[] No [X]
	4.12 r	renewals?					Yes[]	
4.2		period covered by this statement, did any sales/service organization owned in wild dit or commissions for or control a substantial part (more than 20 percent of any						
		sales of new business?		240			Yes [] No [X]
		renewals?					Yes[
5.1		porting entity been a party to a merger or consolidation during the period covered	hv this state	ement?			Yes [
5.2		de the name of entity, NAIC company code, and state of domicile (use two letter	•		as a		163[] NO[X]
U.L		e merger or consolidation.		radion, for any char, and that boards to oxide				
		1					2 AIC	3
							npany	State of
		Name of Entity					ode	Domicile
						<u> </u>		
6.1		orting entity had any Certificates of Authority, licenses or registrations (including	corporate re	egistration, if applicable) suspended or revoked	j		., .	
0.0	, , ,	ernmental entity during the reporting period?					Yes [] No [X]
6.2	if yes, give	full information:						
7.1	Does any fo	oreign (non-United States) person or entity directly or indirectly control 10% or m	ore of the rep	porting entity?			Yes [] No [X]
7.2	If yes,							
		State the percentage of foreign control						%
		State the nationality(s) of the foreign person(s) or entity(s); or if the entity is a mu attorney-in-fact and identify the type of entity(s) (e.g., individual, corporation, gov		nager or attorney-in-fact).				
		1 Nationality		2 Type of Enti	itu			
	-	Nationality		Type of Enti	ıy			
8.1	Is the comp	any a subsidiary of a bank holding company regulated with the Federal Reserve	Board?				Yes [] No [X]
8.2		to 8.1 is yes, please identify the name of the bank holding company.	board:				163[j NO[X]
8.3	Is the comp	pany affiliated with one or more banks, thrifts or securities firms?					Yes [] No[X]
8.4		nse to 8.3 is yes, please provide below the names and locations (city and state of	of the main o	ffice) of any affiliates regulated by a federal fin	ancial			
	regulatory s	services agency [i.e. the Federal Reserve Board (FRB), the Office of the Comptron (FDIC) and the Securities Exchange Commission (SEC)] and identify the affilia	oller of the C	urrency (OCC), the Federal Deposit Insurance	!			
		1		2	3	4	5	6
		Affiliate Name		Location (City, State)	FRB	000	FDI	C SEC
9.		name and address of the independent certified public accountant or accounting	firm retained	d to conduct the annual audit?				
10.1		bung, LLP 200 Clarendon Street, Boston, MA 02116						
10.1		urer been granted any exemptions to the prohibited non-audit services provided in Section 7H of the Annual Financial Reporting Model Regulation (Model Audit			ts		Yes [] No[X]
10.2		nse to 10.1 is yes, provide information related to this exemption:					. 50 []	,[v]
10.3	Has the ins	urer been granted any exemptions related to other requirements of the Annual F	inancial Rec	porting Model Regulation as allowed				
		on 18A of the Model Regulation, or substantially similar state law or regulation?		J			Yes[] No [X]
10.4	If the respon	nse to 10.3 is yes, provide information related to this exemption:						
10 F	Has the re-	porting antity actablished an Audit Committee in compliance with the demicilians.	etata incura-	ce laws?	V-	e [V 1	No f	ן או/ארי
10.5 10.6		orting entity established an Audit Committee in compliance with the domiciliary s nse to 10.5 is no or n/a, please explain:	อเลเซ แเรนเสก	∪⊡ law5!	1 6	s[X]	No [] N/A []
. 5.5		presed orbiditi						

PART 1 - COMMON INTERROGATORIES

11.	What is the name, address and affiliation (officer/employee of the reporting entity or actuary/consultant associated with an actuarial consulting firm) of the individual providing the statement of actuarial opinion/certification?						
40.4	Kathleen Odomirok, FCAS, MAAA - Principal, Ernst & Young LLP 200 Clarendon Street, Boston, MA 02116		V 1V1				
12.1	Does the reporting entity own any securities of a real estate holding company or otherwise hold real estate indirectly? 12.11 Name of real estate holding company FMRE Holdings LLC		Yes [X]	No[]			
	12.11 Number of parcels involved			36			
	12.13 Total book/adjusted carrying value	\$	1,077,55				
12.2	If yes, provide explanation	•	.,,,,,,,,	.,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,			
	FMRE Holdings LLC is a wholly owned subsidiary owning subsidiaries that own commercial office buildings that are leased.						
13.	FOR UNITED STATES BRANCHES OF ALIEN REPORTING ENTITIES ONLY:						
13.1	What changes have been made during the year in the United States manager or the United States trustees of the reporting entity?						
13.2	Does this statement contain all business transacted for the reporting entity through its United States Branch on risks wherever located?		Yes[]	No[]			
13.3	Have there been any changes made to any of the trust indentures during the year?		Yes[] No[]	No [] N/A []			
13.4							
14.1	Are the senior officers (principal executive officer, principal financial officer, principal accounting officer or controller, or persons performing similar functions) of the reporting entity subject to a code of ethics, which includes the following standards?		Yes [X]	No[]			
	(a) Honest and ethical conduct, including the ethical handling of actual or apparent conflicts of interest between personal and professional relationship	os;					
	(b) Full, fair, accurate, timely and understandable disclosure in the periodic reports required to be filed by the reporting entity;						
	(c) Compliance with applicable governmental laws, rules and regulations;						
	(d) The prompt internal reporting of violations to an appropriate person or persons identified in the code; and(e) Accountability for adherence to the code.						
14.11	If the response to 14.1 is no, please explain:						
14.2	Has the code of ethics for senior managers been amended? If the represent to 14.2 is yes provide information related to amendment(s).		Yes[]	No [X]			
14.21	If the response to 14.2 is yes, provide information related to amendment(s).						
14.3	Have any provisions of the code of ethics been waived for any of the specified officers?		Yes[]	No [X]			
14.31	If the response to 14.3 is yes, provide the nature of any waiver(s).						
15.1	Is the reporting entity the beneficiary of a Letter of Credit that is unrelated to reinsurance where the issuing or confirming bank is not on the SVO						
	Bank List?		Yes[]	No [X]			
15.2	If the response to 15.1 is yes, indicate the American Bankers Association (ABA) Routing Number and the name of the issuing or confirming bank of the Letter of Credit and describe the circumstances in which the Letter of Credit is triggered.						
	1 2 3		4				
	American Bankers Association (ABA) Routing Number Issuing or Confirming Bank Name Circumstances That Can Trigger the Letter of Credit		Amount				
	Routing Number Issuing of Committing Bank Name the Letter of Credit	\$	Amount				
	BOARD OF DIRECTORS						
16.	Is the purchase or sale of all investments of the reporting entity passed upon either by the Board of Directors or a subordinator committee thereof?		Yes[X]	No []			
17.	Does the reporting entity keep a complete permanent record of the proceedings of its Board of Directors and all subordinate committees thereof?		Yes [X]	No []			
18.	Has the reporting entity an established procedure for disclosure to its Board of Directors or trustees of any material interest or affiliation on the part of any of its officers, directors, trustees or responsible employees that is in conflict or is likely to conflict with the official duties of such person?		Yes[X]	No []			
	FINANCIAL						
19.	Has this statement been prepared using a basis of accounting other than Statutory Accounting Principles (e.g., Generally Accepted Accounting Principles)?	,	Yes[]	No [X]			
20.1	Total amount loaned during the year (inclusive of Separate Accounts, exclusive of policy loans):		103[]	NO[X]			
	20.11 To directors or other officers	\$		0			
	20.12 To stockholders not officers	\$		0			
	20.13 Trustees, supreme or grand (Fraternal only)	\$		0			
20.2	Total amount of loans outstanding at the end of year (inclusive of Separate Accounts, exclusive of policy loans):	•		0			
	20.21 To directors or other officers 20.22 To stockholders not officers	<u>\$</u>		0			
	20.23 Trustees, supreme or grand (Fraternal only)	-		0			
21.1	Were any assets reported in this statement subject to a contractual obligation to transfer to another party without the liability for such obligation	-					
	being reporting in the statement?		Yes[]	No [X]			
21.2	If yes, state the amount thereof at December 31 of the current year: 21.21 Rented from others	\$		0			
	21.22 Borrowed from others	\$		0			
	21.23 Leased from others	\$		0			
	21.24 Other	\$		0			
22.1	Does this statement include payments for assessments as described in the Annual Statement Instructions other than guaranty fund or		V	N. 232			
22.2	guaranty association assessments? If answer is yes:		Yes[]	No [X]			
LL.L	22.21 Amount paid as losses or risk adjustment	\$		0			
	22.22 Amount paid as expenses	\$		0			
	22.23 Other amounts paid	\$		0			
23.1	Does the reporting entity report any amounts due from parent, subsidiaries or affiliates on Page 2 of this statement?		Yes[]	No [X]			
23.2	If ves. indicate any amounts receivable from parent included in the Page 2 amount:	\$		0			

PART 1 - COMMON INTERROGATORIES

INVESTMENT

24.01		the stocks, bonds and other securities owned Decenual possession of the reporting entity on said date (c				sive control,		Yes[]	No [X]
24.02									[]
24.03	For secur collateral The mark	rity lending programs, provide a description of the price carried on or off-balance sheet (an alternative is the value and collateral value of securities loaned as in the balance sheet is \$44,119,498. See Note 17 for	ogram incluo o reference of year end	ding value for collateral and amour Note 17 where this information is a 2017 is \$181,243,100 and \$184,9	ilso provided). 29,529 respectivel		ash collateral		
24.04	Does the	company's security lending program meet the requi	rements for	a conforming program as outlined	in the <i>Risk-Based</i>	Capital Instructions	? Yes[X]	No []	N/A []
24.05	If answe	r to 24.04 is yes, report amount of collateral for confe	orming prog	rams.			\$	184,9	29,529
24.06	If answe	r to 24.04 is no, report amount of collateral for other	programs				\$		0
24.07	Does you of the cor	r securities lending program require 102% (domesti	c securities)	and 105% (foreign securities) from	the counterparty	at the outset	VacIVI	No I 1	NI/A []
24.08		reporting entity non-admit when the collateral receiv	and from the	counterparty falls helow 100% 2			Yes[X] Yes[]	No [] No []	N/A [] N/A [X]
24.00	Does the	reporting entity non-admit when the collateral receiver reporting entity or the reporting entity's securities lensecurities lending?			ng Agreement (MS	SLA) to	Yes[X]	No[]	N/A []
24.10	For the reporting entity's security lending program, state the amount of the following as of December 31 of the current year:								
	24.101	Total fair value of reinvested collateral assets reporte	ed on Sched	lule DL, Parts 1 and 2:			\$	44,1	19,498
	24.102	Total book adjusted/carrying value of reinvested coll	ateral assets	s reported on Schedule DL, Parts 1	and 2:		\$	44,1	19,498
	24.103	Total payable for securities lending reported on the l	iability page				\$	44,1	19,498
25.1	of the rep	of the stocks, bonds or other assets of the reporting porting entity or has the reporting entity sold or transf subject to Interrogatory 21.1 and 24.03.)						Yes[X]	No []
25.2	•	ate the amount thereof at December 31 of the curren	t year:						
		Subject to repurchase agreements					\$		0
		Subject to reverse repurchase agreements					\$		0
	25.23	Subject to dollar repurchase agreements					\$		0
		Subject to reverse dollar repurchase agreements					\$		0
	25.25	Placed under option agreements					\$		0
	25.26	Letter stock or securities restricted as sale – excludi	ng FHLB Ca	apital Stock			\$		0
	25.27	FHLB Capital Stock					\$		0
	25.28	On deposit with states					\$	5,69	92,354
	25.29	On deposit with other regulatory bodies					\$		0
	25.30	Pledged as collateral – excluding collateral pledged	to an FHLE	}			\$		0
	25.31	Pledged as collateral to FHLB – including assets ba	cking fundir	ng agreements			\$		0
	25.32	Other					\$		0
25.3	For categ	gory (25.26) provide the following:							
		1 Nature of Restriction		Des	2 cription		\$	3 Amount	
26.1	Does the	reporting entity have any hedging transactions repo	rted on Sch	edule DB?			1 *	Yes[]	No [X]
26.2		s a comprehensive description of the hedging progra ch a description with this statement.	am been ma	de available to the domiciliary state	e?		Yes[]	No []	N/A [X]
27.1	convertib	preferred stocks or bonds owned as of December 3 le into equity?		rent year mandatorily convertible ir	nto equity, or, at th	e option of the issue	er,	Yes[]	No [X]
27.2	•	ate the amount thereof at December 31 of the curren	•				\$		0
28.	offices, va	gitems in Schedule E-Part 3-Special Deposits, real e aults or safety deposit boxes, were all stocks, bonds agreement with a qualified bank or trust company in	and other s	ecurities, owned throughout the cue with Section 1, III - General Exam	rrent year held pui nination Considera	suant to a	g		
		Functions, Custodial or Safekeeping Agreements of For agreements that comply with the requirements of the same of				the following:		Yes [X]	No[]
	20.01	1	I LIE INAIC	i ilianciai Condition Examiners Hai	labook, complete		2		
		Name of Cus	todian(s)				n's Address		
		JP Morgan Worldwide Securities Services			383 Madison Ave	enue New York, NY			
		RBC Investor Services			200 Bay Street,	Toronto, Ontario Ca	nada		
	28.02 For all agreements that do not comply with the requirements of the NAIC <i>Financial Condition Examiners Handbook</i> , provide the name, location and a complete explanation								
	1 2 3 Name(s) Location(s) Complete Expla					-			
		Have there been any changes, including name char If yes, give full and complete information relating the							No [X]
		1 Old Custodian		2 New Custodian		3 Date of Change		4 ason	
		Investment management – Identify all investment act to make investment decisions on behalf of the reportant act with a screen to the investment act to make the investment act to make inv	ting entity.	For assets that are managed intern					
		note as such. ["that have access to the investmen		" handle securities"]. 1 Firm or Individual				2 iation	
			<u> </u>				 _		

PART 1 - COMMON INTERROGATORIES

Paul LaFleche, SVP Investments Manager	I
Daniel Richards VP, Portfolio Mgr Fixed Income	I
Scott Anthony, VP Sector Portfolio Mgr Fixed Income	
Alliance Bernstein L.P.	U
Standish Mellon Asset Management	U
GCM Grosvenor LLC	U
Morgan Stanley & Co. LLC	U
Goldman Sachs Asset Management, L.P.	U
Blackrock Financial Management Inc	U
Pacific Investment Management Company LLC	U

28.0597 For those firms/individuals listed in the table for Question 28.05, do any firms/individuals unaffiliated with the reporting entity (i.e. designated with a "U") manage more than 10% of the reporting entity's assets?

Yes[] No[X]

28.0598 For firms/individuals unaffiliated with the reporting entity (i.e. designated with a "U") listed in the table for Question 28.05, does the total assets under management aggregate to more than 50% of the reporting entity's assets?

Yes[] No[X]

For those firms or individuals listed in the table for 28.05 with an affiliation code of "A" (affiliated) or "U" (unaffiliated), provide the information 28.06 for the table below.

1	2	3	4	5
Central Registration Depository Number	Name of Firm or Individual	Legal Entity Identifier (LEI)	Registered With	Investment Management Agreement (IMA) Filed
108477	Alliance Bernstein L.P.	0JK55UGWSWNF3X7KLQ85	SEC	DS
113972	Standish Mellon Asset Management	ME7YUCK4NF1W8VM8SP25	SEC	DS
169155	GCM Grosvenor LLC	549300PT67J6DFJJCA91	SEC	DS
8209	Morgan Stanley & Co. LLC	6N8SC06AK49F0N7K1X52	SEC	DS
107738	Goldman Sachs Asset Management, L.P.	CF5M58QA35CFPUX70H17	SEC	DS
107105	Blackrock Financial Management Inc	549300LVXY1VJKE13M84	SEC	DS
104559	Pacific Investment Management Company LLC	549300KGPYQZXGMYYN38	SEC	DS

Does the reporting entity have any diversified mutual funds reported in Schedule D-Part 2 (diversified according to the Securities and Exchange Commission (SEC) in the Investment Company Act of 1940 [Section 5 (b) (1)])? 29.1

Yes [X] No []

29.2 If yes, complete the following schedule:

29.3

1 CUSIP			2 Name of Mutual Fund	Book	3 /Adjusted Carrying Value
01882C	10	4	ALLIANCE BERNSTEIN US STRATEGIC VALUE	\$	107,383,503
464286	10	3	ISHARES AUSTRALIA ETF	\$	35,334,250
464287	50	7	ISHARES CORE S&P MIDCAP ETF	\$	85,401,000
464287	80	4	ISHARES CORE S&P SMALL-CAP ETF	\$	15,362,000
78464A	69	8	SPDR S&P REGIONAL BANKING ETF	\$	21,774,500
78464A	74	8	SPDR OIL & GAS EQUIP & SERVICES ETF	\$	8,565,000
78464A	78	9	SPDR S&P INSURANCE ETF	\$	9,210,000
78464A	87	0	SPDR S&P BIOTECH ETF	\$	16,549,650
922042	71	8	VANGUARD INTL EQUITY ETF	\$	14,307,600
922042	77	5	VANGUARD INTL EQUITY INDEX ETF	\$	158,688,000
922042	85	8	VANGUARD MSCI EMERGING MARKET ETF	\$	10,559,300
922042	86	6	VANGUARD PACIFIC ETF	\$	42,282,000
922042	87	4	VANGUARD EUROPEAN ETF	\$	59,150,000
92204A	87	6	VANGUARD UTILITIES ETF	\$	68,718,146
92647K	30	9	VICTORY MUNDER INT'L SMALL CAP FUND	\$	234,880,675
L5458T	11	7	INVESCO US SENIOR LOAN GX FUND	\$	92,696,915
464288	63	8	ISHARES INTERMEDIATE CREDIT FUND	\$	43,684
29.2999 T	OTAL			\$	980,906,223

For each mutual fund listed in the table above, complete the following schedule:

1 Name of Mutual Fund (from above table)	2 Name of Significant Holding of the Mutual Fund	Book/A	3 t of Mutual Fund's Adjusted Carrying Attributable to the Holding	4 Date of Valuation
ALLIANCE BERNSTEIN INTL VALUE FUND	Oracle Corop	\$	5,540,989	12/31/2017
ALLIANCE BERNSTEIN INTL VALUE FUND	Bank of America Corp	\$	5,326,222	12/31/2017
ALLIANCE BERNSTEIN INTL VALUE FUND	Intel Corp	\$	4,381,247	12/31/2017
ALLIANCE BERNSTEIN INTL VALUE FUND	Philip Morris International	\$	4,327,555	12/31/2017
ALLIANCE BERNSTEIN INTL VALUE FUND	McKesson Corp	\$	4,177,218	12/31/2017
ISHARES AUSTRALIA ETF	Commonwealth Bank of A	\$	3,664,515	12/31/2017
ISHARES AUSTRALIA ETF	Westpac Banking Corp	\$	2,798,826	12/31/2017
ISHARES AUSTRALIA ETF	BHP Billiton Ltd	\$	2,559,260	12/31/2017
ISHARES AUSTRALIA ETF	Australia and New Zealand	\$	2,217,224	12/31/2017
ISHARES AUSTRALIA ETF	National Australia Ban	\$	2,090,021	12/31/2017

PART 1 - COMMON INTERROGATORIES

STANDERS CORE SEC MILLOWERT SIGN Promotions S. 03,037 120,1071	ICHARES CORE OF MIROAR ETE	Tally Too laterage	•	C45 744	40/04/0047
SHAMES CORE SEM MICCOP ET	ISHARES CORE S&P MIDCAP ETF	Take Two Interactive	\$	615,741	12/31/2017
SAMPLES CORES SAN INDOPERTY Machine S 53.388 723.19917	ISHARES CORE S&P MIDCAP ETF	+ '		593,537	12/31/2017
SAMES CORE SAP MOCAF EFT	ISHARES CORE S&P MIDCAP ETF			587,559	12/31/2017
SAMES CORE SAR DAML CAP ETF	ISHARES CORE S&P MIDCAP ETF	MSCI Inc	\$	553,398	12/31/2017
SAMES CORE SAP SMALL CAP ETF	ISHARES CORE S&P MIDCAP ETF	Teleflex Inc	\$	547,420	12/31/2017
SHAMES CORE SAP SMALL CAP ETF SHAMES CORE SAP SMALL CAP ETF ALLETE INC SHAMES CORE SAP SMALL CAP ETF S	ISHARES CORE S&P SMALL-CAP ETF	New Therapeutics	\$	177,892	12/31/2017
SHARES COME SAR SMALL CAPETE	ISHARES CORE S&P SMALL-CAP ETF	Chemed Corp	\$	77,424	12/31/2017
SHARDER COME SAR SMALL CAPET	ISHARES CORE S&P SMALL-CAP ETF	Five Below Inc	\$	76,503	12/31/2017
SPIR SER PRISONAL BANNING ETF	ISHARES CORE S&P SMALL-CAP ETF	Health Care Services Group	\$	74,352	12/31/2017
SPIR SER PRISONAL BANNING ETF	ISHARES CORE S&P SMALL-CAP ETF	ALLETE Inc	\$	72.970	12/31/2017
SPOR SAP REGIONAL BANNING ETF Signature Bank NY S	SPDR S&P REGIONAL BANKING ETF		· ·		
SIOR BAS PEGIONAL BANKING ETF Septin SEPT REGIONAL BANKING ETF Region Financial Corp \$ 3, 503,826 1230,2017 SPOR SEP REGIONAL BANKING ETF BBAT Corp \$ 3, 503,826 1231,2017 SPOR SEP REGIONAL BANKING ETF BBAT Corp \$ 3, 503,826 1231,2017 SPOR OLD & SERV Notic Corp pt \$ 3, 301,916 1231,2017 SPOR OLD & SERV Notic Corp pt \$ 3, 301,916 1231,2017 SPOR OLD & SERV Remore Corp pt \$ 3, 301,916 1231,2017 SPOR OLD & SERV Remore Corp pt \$ 3, 227,424 1231,2017 SPOR OLD & SERV Remore Corp Corp SERV Remore Corp Ltd \$ 1, 227,044 1231,2017 SPOR SEP RESIDENANCE ETF Financial Francial Serv SPOR SEP RESIDENANCE ETF Financial Francial Serv SPOR SEP RESIDENANCE ETF Financial Francial Serv SPOR SEP RESIDENANCE ETF Leveral RE Corp Ltd American Financial Serv SPOR SEP RESIDENANCE ETF American Financial Ser					
SPOR SAP REGONAL BANKING ETF Regions Finewast Corp S \$30.882 19.21/2017		,			
SPOR SIR PRISONAL BANKINGS EFF SPOR OIL & GAS EQUIP & SERV Noble Corp plc SPOR OIL & GAS EQUIP & SERV Obenearing International S 299773 SPOR OIL & GAS EQUIP & SERV Resport OIL & GAS EQUIP				,	
SPOR QUE A GAS EQUIP & SERV		'			
SPOR OIL & GAS FOUIP & SERV		·			
SPOR OIL & GAS EQUIP & SERV			-	·	
SPOR OIL & CAS EQUIP & SERV	·			299,775	
SPDR OIL & GAS EQUIP & SERV Rowan Cos PLC \$ 295,407 1231/2017 SPDR SSP INSURANCE ETF Everet RE Group Ltd \$ 219,22 1231/2017 SPDR SSP INSURANCE ETF First Amorican Financial \$ 28,422 1231/2017 SPDR SSP INSURANCE ETF American Financial Group \$ 207,041 1231/2017 SPDR SSP INSURANCE ETF Low Common Financial Group \$ 205,688 1231/2017 SPDR SSP INSURANCE ETF American International \$ 205,688 1231/2017 SPDR SSP INSURANCE ETF American International \$ 205,648 1231/2017 SPDR SSP BOTECH ETF American International \$ 283,647 1231/2017 SPDR SSP BOTECH ETF Amous Therapaulos Inc \$ 283,647 1231/2017 SPDR SSP BOTECH ETF Millow Comp Inc \$ 290,628 1231/2017 SPDR SSP BOTECH ETF Millow Comp Inc \$ 290,628 1231/2017 SPDR SSP BOTECH ETF Millow Comp Inc \$ 290,628 1231/2017 VANCIJACK DITT, LEUTY ETF Open Tox Corp \$ 43,332 1231/2017 VANCIJACK DITT, LEUTY ETF Open Tox Corp	SPDR OIL & GAS EQUIP & SERV	Ensco PLC	\$	297,462	12/31/2017
SPDR S&P INSURANCE ETF Eversal RE Group Ltd \$ 21,922 12012071 SPDR S&P INSURANCE ETF First American Financial \$ 206,422 12012071 SPDR S&P INSURANCE ETF American Financial Group \$ 207,441 12312071 SPDR S&P INSURANCE ETF Lowe Corp \$ 206,488 12312017 SPDR S&P INSURANCE ETF American International \$ 205,647 12312017 SPDR S&P BISURANCE ETF Amy BidPhasema Inc \$ 208,647 12312017 SPDR S&P BISURANCE ETF Amy BidPhasema Inc \$ 208,647 12312017 SPDR S&P BISURCH ETF Excelsio Inc \$ 208,628 12312017 SPDR S&P BIOTECH ETF Amois Therapeutics Inc \$ 208,628 12312017 SPDR S&P BIOTECH ETF Immanination Inc \$ 207,773 12312017 SPDR S&P BIOTECH ETF Immanination Inc \$ 277,773 12312017 VANOLADAD INT LE QUITY ETF Open Text Corp \$ 43,352 12312017 VANOLADAD INT LE QUITY ETF First Quantum Minerals \$ 14,344 12312017 VANOLADAD INT LE QUITY ETF Clock Corp \$ 33,349 1	SPDR OIL & GAS EQUIP & SERV	Nabors Industries Ltd	\$	297,034	12/31/2017
SPDR SAP INSURANCE ETF First American Financial \$ 20,422 123/12017 SPDR SAP INSURANCE ETF American Financial Group \$ 20,648 123/12017 SPDR SAP INSURANCE ETF Lowes Corp \$ 20,648 123/12017 SPDR SAP BISH SARANCE ETF American International \$ 20,556 123/12017 SPDR SAP BIOTECH ETF American International \$ 28,567 123/12017 SPDR SAP BIOTECH ETF Amican Theospetitis Inc \$ 28,588 123/12017 SPDR SAP BIOTECH ETF Amican Theospetitis Inc \$ 28,588 123/12017 SPDR SAP BIOTECH ETF Amican Theospetitis Inc \$ 280,582 123/12017 SPDR SAP BIOTECH ETF Mind Group Inc \$ 28,773 123/12017 SPDR SAP BIOTECH ETF Immunomatis Inc \$ 28,773 123/12017 VANGUARD INT EQUITY ETF Open fact Corp \$ 43,382 123/12017 VANGUARD INT EQUITY ETF Onex Corp \$ 38,344 123/12017 VANGUARD INT EQUITY ETF Glida Acti	SPDR OIL & GAS EQUIP & SERV	Rowan Cos PLC	\$	295,407	12/31/2017
SPDR S&P INSURANCE ETF American Financial Group \$ 207.041 1231/2017 SPDR S&P INSURANCE ETF Lower Corp \$ 206.488 1231/2017 SPDR S&P INSURANCE ETF American International \$ 206.996 1231/2017 SPDR S&P BAD FISCH ETF American International \$ 208.567 1231/2017 SPDR S&P BIOTECH ETF Excelsis Inc \$ 288.682 1231/2017 SPDR S&P BIOTECH ETF Amicus Therapoutics Inc \$ 289.682 1231/2017 SPDR S&P BIOTECH ETF Miled of Group Inc \$ 289.428 1231/2017 SPDR S&P BIOTECH ETF Immunomedics Inc \$ 267.733 1231/2017 VANGLARD INT EQUITY ETF Open Tot Corp \$ 43.352 1231/2017 VANGLARD INT EQUITY ETF Onex Corp \$ 3.344 1231/2017 VANGLARD INT EQUITY ETF Onex Corp \$ 3.344 1231/2017 VANGLARD INT EQUITY ETF Office Advisore International Interna	SPDR S&P INSURANCE ETF	Everest RE Group Ltd	\$	211,922	12/31/2017
SPDR SAP INSURANCE ETF Lewes Corp \$ 206,488 1231/2017 SPDR SAP INSURANCE ETF American International \$ 205,936 1231/2017 SPDR SAP BIOTECH ETF Amray BoPhasema Inc \$ 28,686,647 1231/2017 SPDR SAP BIOTECH ETF Excellus Inc \$ 28,886 1231/2017 SPDR SAP BIOTECH ETF Amician Therapeutics Inc \$ 28,086 1231/2017 SPDR SAP BIOTECH ETF Amician Therapeutics Inc \$ 28,082 1231/2017 SPDR SAP BIOTECH ETF Immonometals Inc \$ 26,773 1231/2017 SPDR SAP BIOTECH ETF Immonometals Inc \$ 267,773 1231/2017 VANGUARD INT LEQUITY ETF Open Text Corp \$ 43,324 1231/2017 VANGUARD INT LEQUITY ETF Onex Corp \$ 38,444 1231/2017 VANGUARD INT LEQUITY ETF Onex Corp \$ 38,444 1231/2017 VANGUARD INT LEQUITY ETF CCL Industries Inc \$ 3,3999 1231/2017 VANGUARD INT LEQUITY ETF CCL Industries Inc \$ 3,3999 1231/2017 VANGUARD INT LEQUITY ETF CCL Industries Inc \$ 1,456,148 1231/2017<	SPDR S&P INSURANCE ETF	First American Financial	\$	208,422	12/31/2017
SPDR SAP INSURANCE ETF Lewes Corp \$ 206,488 1231/2017 SPDR SAP INSURANCE ETF American International \$ 205,936 1231/2017 SPDR SAP BIOTECH ETF Amray BoPhasema Inc \$ 28,686,647 1231/2017 SPDR SAP BIOTECH ETF Excellus Inc \$ 28,886 1231/2017 SPDR SAP BIOTECH ETF Amician Therapeutics Inc \$ 28,086 1231/2017 SPDR SAP BIOTECH ETF Amician Therapeutics Inc \$ 28,082 1231/2017 SPDR SAP BIOTECH ETF Immonometals Inc \$ 26,773 1231/2017 SPDR SAP BIOTECH ETF Immonometals Inc \$ 267,773 1231/2017 VANGUARD INT LEQUITY ETF Open Text Corp \$ 43,324 1231/2017 VANGUARD INT LEQUITY ETF Onex Corp \$ 38,444 1231/2017 VANGUARD INT LEQUITY ETF Onex Corp \$ 38,444 1231/2017 VANGUARD INT LEQUITY ETF CCL Industries Inc \$ 3,3999 1231/2017 VANGUARD INT LEQUITY ETF CCL Industries Inc \$ 3,3999 1231/2017 VANGUARD INT LEQUITY ETF CCL Industries Inc \$ 1,456,148 1231/2017<	SPDR S&P INSURANCE ETF	American Financial Group	\$	207,041	12/31/2017
SPDR S&P INSURANCE ETF American International \$ 205,936 12/31/2017 SPDR S&P BIOTECH ETF Arry BioPhearma Inc \$ 285,477 12/31/2017 SPDR S&P BIOTECH ETF Excelsiva Inc \$ 283,888 12/31/2017 SPDR S&P BIOTECH ETF Amious Therapeutics Inc \$ 280,882 12/31/2017 SPDR S&P BIOTECH ETF AllMedx Group Inc \$ 289,488 12/31/2017 SPDR S&P BIOTECH ETF Mildedx Group Inc \$ 289,488 12/31/2017 VANGUARD INT LE QUITY ETF Open Text Corp \$ 43,382 12/31/2017 VANGUARD INT LE QUITY ETF First Quentum Minerals \$ 14,349 12/31/2017 VANGUARD INT LE QUITY ETF Onex Corp \$ 38,944 12/31/2017 VANGUARD INT LE QUITY ETF Onex Corp \$ 38,944 12/31/2017 VANGUARD INT LE QUITY ETF Clin Indistries Inc \$ 39,944 12/31/2017 VANGUARD INT LE QUITY INDES ETF Tenenth Hofting LTD \$ 1,487,713 12/31/2017 VANGUARD INT LE QUITY INDES ETF Nestle SA \$ 1,487,713 12/31/2017 VANGUARD INT LE QUITY INDES ETF Hostle SA <		<u>'</u>		·	
SPDR S&P BIOTECH ETF Array BioPhaema Inc \$ 285,647 12/31/2017 SPDR S&P BIOTECH ETF Explicis Inc \$ 283,862 12/31/2017 SPDR S&P BIOTECH ETF Amios Threappointois Inc \$ 280,862 12/31/2017 SPDR S&P BIOTECH ETF MiMedx Group Inc \$ 269,428 12/31/2017 SPDR S&P BIOTECH ETF Immunomedics Inc \$ 267,773 12/31/2017 SPDR S&P BIOTECH ETF Immunomedics Inc \$ 267,773 12/31/2017 VANGUARD INT EQUITY ETF Open Tend Corp \$ 343,322 12/31/2017 VANGUARD INT EQUITY ETF One Corp \$ 38,344 12/31/2017 VANGUARD INT EQUITY ETF One Corp \$ 38,344 12/31/2017 VANGUARD INT EQUITY ETF C Cl. Indivisities Inc \$ 33,909 12/31/2017 VANGUARD INT EQUITY INDES ETF Tencent Holding LTD \$ 1,455,515 12/31/2017 VANGUARD INT EQUITY INDES ETF Neste SA \$ 1,432,713 12/31/2017 VANGUARD INT EQUITY INDES ETF Neste SA \$ 1,432,713 12/31/2017 VANGUARD INT EQUITY INDES ETF HSC Holdings PLC \$ 1,425,918		'		·	
SPDR S&P BIOTECH ETF					
SPDR SAP BIOTECH ETF Anious Therapeutics Inc \$ 280,882 12/31/2017 SPDR SAP BIOTECH ETF Milled's Group Inc \$ 289,428 12/31/2017 SPDR SAP BIOTECH ETF Immunomodies Inc \$ 269,773 12/31/2017 VANGUARD INTLE GUITY ETF Open Text Corp \$ 43,362 12/31/2017 VANGUARD INTLE GUITY ETF First Quantum Minerals \$ 41,349 12/31/2017 VANGUARD INTLE GUITY ETF Clidan Adviewed Inc \$ 36,544 12/31/2017 VANGUARD INTLE GUITY ETF Clidan Adviewed Inc \$ 36,944 12/31/2017 VANGUARD INTLE GUITY ETF CCL Industries Inc \$ 33,999 12/31/2017 VANGUARD INTLE GUITY ETF CCL Industries Inc \$ 1,945.515 12/31/2017 VANGUARD INTLE GUITY INDES ETF Nete SA \$ 1,899,515 12/31/2017 VANGUARD INTLE GUITY INDES ETF Nete SA \$ 1,487,713 12/231/2017 VANGUARD INTLE GUITY INDES ETF Novatis AG \$ 1,476,018 12/21/2017 VANGUARD INTLE GUITY INDES ETF Seminary Electronics Corp \$ 1,271,091 12/231/2017 VANGUARD MILE GUITY INDES ETF <td< td=""><td></td><td></td><td>-</td><td></td><td></td></td<>			-		
SPDR S&P BIOTECH ETF MMedix Group Inc \$ 269,428 12/31/2017 SPDR S&P BIOTECH ETF Immunomedics Inc \$ 267,773 12/31/2017 ANDOLARD INTLE CUITY ETF Open Text Corp \$ 43,352 12/31/2017 VANOLARD INTLE CUITY ETF Fired Quantum Minerals \$ 41,349 12/31/2017 VANOLARD INTLE CUITY ETF Gone Corp \$ 38,344 12/31/2017 VANOLARD INTLE CUITY ETF Gidan Addivewear Inc \$ 38,944 12/31/2017 VANOLARD INTLE CUITY ETF Gidan Addivewear Inc \$ 33,999 12/31/2017 VANOLARD INTLE CUITY INDES ETF CCL Industries Inc \$ 1,945,515 12/31/2017 VANOLARD INTLE CUITY INDES ETF Neste SA \$ 1,899,74 12/31/2017 VANOLARD INTLE CUITY INDES ETF Neste SA \$ 1,487,713 12/31/2017 VANOLARD INTLE CUITY INDES ETF HSBC Holdings PLC \$ 1,425,018 12/31/2017 VANOLARD INTLE CUITY INDES ETF Assensung Electronics Corp \$ 1,271,991 12/31/2017 VANOLARD MSC EMERGING MARKET ETF Tencent Holdings LTD \$ 550,773 12/21/2017 VANOLARD MSC EMERGING MARKET ETF<					
SPDR SAP BIOTECH ETF Immunomedics Inc \$ 267,773 12/81/2017 VANGUARD INTL EQUITY ETF Open Text Corp \$ 43,352 12/91/2017 VANGUARD INTL EQUITY ETF First Quantum Minerals \$ 41,349 12/91/2017 VANGUARD INTL EQUITY ETF Onex Corp \$ 36,344 12/31/2017 VANGUARD INTL EQUITY ETF Glidan Advewear Inc \$ 36,941 12/91/2017 VANGUARD INTL EQUITY FIRST CCL Industries Inc \$ 36,941 12/91/2017 VANGUARD INTL EQUITY INDES ETF Tencent Holding LTD \$ 1,945,515 12/91/2017 VANGUARD INTL EQUITY INDES ETF Nestle SA \$ 1,889,974 12/91/2017 VANGUARD INTL EQUITY INDES ETF Nestle SA \$ 1,487,713 12/91/2017 VANGUARD INTL EQUITY INDES ETF Movaris AG \$ 1,475,713 12/91/2017 VANGUARD MSCI EMERGING MARKET ETF Tencent Holdings LTD \$ 500,773 12/91/2017 VANGUARD MSCI EMERGING MARKET ETF Nappers Ld \$ 209,708 12/91/2017 VANGUARD MSCI EMERGING MARKET ETF Talwan Semiconductor \$ 162,969 12/91/2017 VANGUARD MSCI EMERGING MARKET ETF<		·	-		
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VANGUARD INTL EQUITY ETF First Quantum Minerals \$ 41,349 12/31/2017 VANGUARD INTL EQUITY ETF Onex Corp \$ 38,344 12/31/2017 VANGUARD INTL EQUITY ETF Gidan Activewer Inc \$ 36,914 12/31/2017 VANGUARD INTL EQUITY INDES ETF CCL Industries Inc \$ 33,909 12/31/2017 VANGUARD INTL EQUITY INDES ETF Tencent Holding LTD \$ 1,945,515 12/31/2017 VANGUARD INTL EQUITY INDES ETF Nestle SA \$ 1,889,974 12/31/2017 VANGUARD INTLE CUITY INDES ETF Novartis AG \$ 1,477,713 12/31/2017 VANGUARD INTLE CUITY INDES ETF HSBC Holdings PLC \$ 1,425,018 12/31/2017 VANGUARD INTLE CUITY INDES ETF HSBC Holdings PLC \$ 1,425,018 12/31/2017 VANGUARD INTLE CUITY INDES ETF Samsung Electronics Corp \$ 1,271,091 12/31/2017 VANGUARD MSCI EMERGING MARKET ETF Tencent Holdings LTD \$ 5,500,773 12/31/2017 VANGUARD MSCI EMERGING MARKET ETF Tawan Semiconductor \$ 200,708 12/31/2017 VANGUARD MSCI EMERGING MARKET ETF Tawan Semiconductor \$ 1,652,786 12/31/2017 <td>SPDR S&P BIOTECH ETF</td> <td>Immunomedics Inc</td> <td>_</td> <td>267,773</td> <td>12/31/2017</td>	SPDR S&P BIOTECH ETF	Immunomedics Inc	_	267,773	12/31/2017
VANGUARD INTL EQUITY ETF Onex Corp \$ 38,344 1231/2017 VANGUARD INTL EQUITY ETF Glidan Activewer Inc \$ 36,914 1231/2017 VANGUARD INTL EQUITY ETF CCL Industries Inc \$ 33,909 12231/2017 VANGUARD INTL EQUITY INDES ETF Tencent Holding LTD \$ 1,945,515 1231/2017 VANGUARD INTL EQUITY INDES ETF Nestle SA \$ 1,889,974 1231/2017 VANGUARD INTL EQUITY INDES ETF Novaries AG \$ 1,437,713 1231/2017 VANGUARD INTL EQUITY INDES ETF HSBC Holdings PLC \$ 1,425,018 12231/2017 VANGUARD INTL EQUITY INDES ETF Semsung Electronics Corp \$ 1,271,091 1231/2017 VANGUARD INTLE EQUITY INDES ETF Semsung Electronics Corp \$ 1,271,091 1231/2017 VANGUARD MSCI EMERGING MARKET ETF Tencent Holdings LTD \$ 550,773 1231/2017 VANGUARD MSCI EMERGING MARKET ETF Talvan Semiconductor \$ 209,708 1231/2017 VANGUARD MSCI EMERGING MARKET ETF Talvan Semiconductor \$ 162,296 1231/2017 VANGUARD MSCI EMERGING MARKET ETF Talvan Semiconductor \$ 162,296 1231/2017	VANGUARD INTL EQUITY ETF	Open Text Corp	\$	43,352	12/31/2017
VANGUARD INTL EQUITY ETF Glidan Activewear Inc \$ 36,914 12/31/2017 VANGUARD INTL EQUITY INDES ETF CCL Industries Inc \$ 33,909 12/31/2017 VANGUARD INTL EQUITY INDES ETF Tencent Holding LTD \$ 1,945,515 12/31/2017 VANGUARD INTL EQUITY INDES ETF Nestle SA \$ 1,889,974 12/31/2017 VANGUARD INTL EQUITY INDES ETF Novariis AG \$ 1,437,713 12/31/2017 VANGUARD INTL EQUITY INDES ETF HSBC Holdings PLC \$ 1,425,018 12/31/2017 VANGUARD INTL EQUITY INDES ETF HSBC Holdings PLC \$ 1,271,091 12/31/2017 VANGUARD INTL EQUITY INDES ETF Samsung Electronics Corp \$ 1,271,091 12/31/2017 VANGUARD INTL EQUITY INDES ETF HSBC Holdings PLC \$ 1,271,091 12/31/2017 VANGUARD INTL EQUITY INDES ETF HSBC Holdings PLC \$ 1,271,091 12/31/2017 VANGUARD MSC EMERGING MARKET ETF Tencent Holdings LTD \$ 1,271,091 12/31/2017 VANGUARD MSC EMERGING MARKET ETF Talwa Semiconductor \$ 162,96 12/31/2017 VANGUARD MSC EMERGING MARKET ETF Talwa Semiconductor \$ 162,96 12/31/20	VANGUARD INTL EQUITY ETF	First Quantum Minerals	\$	41,349	12/31/2017
VANGUARD INTL EQUITY ETF CCL Industries Inc \$ 33,999 12/31/2017 VANGUARD INTL EQUITY INDES ETF Tenent Holding LTD \$ 1,945,515 12/31/2017 VANGUARD INTL EQUITY INDES ETF Nestle SA \$ 1,889,974 12/31/2017 VANGUARD INTL EQUITY INDES ETF Novaris AG \$ 1,427,103 12/31/2017 VANGUARD INTL EQUITY INDES ETF HSBC Holdings PLC \$ 1,425,018 12/31/2017 VANGUARD INTL EQUITY INDES ETF Samsung Electronics Corp \$ 1,271,091 12/31/2017 VANGUARD INTLE EQUITY INDES ETF Samsung Electronics Corp \$ 1,271,091 12/31/2017 VANGUARD INTLE EQUITY INDES ETF Talone Indidings LTD \$ 550,773 12/31/2017 VANGUARD MSCI EMERGING MARKET ETF Tencent Holdings LTD \$ 550,773 12/31/2017 VANGUARD MSCI EMERGING MARKET ETF Talwan Semiconductor \$ 209,708 12/31/2017 VANGUARD MSCI EMERGING MARKET ETF Talwan Semiconductor \$ 162,296 12/31/2017 VANGUARD MARKET ETF Talwan Semiconductor \$ 162,296 12/31/2017 VANGUARD MSCI EMERGING MARKET ETF Talwan Semiconductor \$ 1,256,923	VANGUARD INTL EQUITY ETF	Onex Corp	\$	38,344	12/31/2017
VANGUARD INTL EQUITY INDES ETF Tencent Holding LTD \$ 1,945,515 12/31/2017 VANGUARD INTL EQUITY INDES ETF Nestle SA \$ 1,889,974 12/31/2017 VANGUARD INTL EQUITY INDES ETF Novartis AG \$ 1,437,713 12/31/2017 VANGUARD INTL EQUITY INDES ETF HSBC Holdings PLC \$ 1,427,018 12/31/2017 VANGUARD INTL EQUITY INDES ETF Samsung Electronics Corp \$ 1,271,091 12/31/2017 VANGUARD INTL EQUITY INDES ETF Samsung Electronics Corp \$ 1,271,091 12/31/2017 VANGUARD MSCI EMERGING MARKET ETF Tencent Holdings LTD \$ 550,773 12/31/2017 VANGUARD MSCI EMERGING MARKET ETF Naspers Ltd \$ 200,615 12/31/2017 VANGUARD MSCI EMERGING MARKET ETF Taiwan Semiconductor \$ 162,296 12/31/2017 VANGUARD MSCI EMERGING MARKET ETF Taiwan Semiconductor \$ 162,296 12/31/2017 VANGUARD MSCI EMERGING MARKET ETF Taiwan Semiconductor \$ 162,296 12/31/2017 VANGUARD MSCI EMERGING MARKET ETF Taiwan Semiconductor \$ 162,296 12/31/2017 VANGUARD MSCI EMERGING MARKET ETF Taiwan Semiconductor \$ 162,296	VANGUARD INTL EQUITY ETF	Gildan Activewear Inc	\$	36,914	12/31/2017
VANGUARD INTL EQUITY INDES ETF Nestle SA \$ 1,889,974 12/31/2017 VANGUARD INTL EQUITY INDES ETF Novartis AG \$ 1,437,713 12/31/2017 VANGUARD INTL EQUITY INDES ETF HSBC Holdings PLC \$ 1,425,018 12/31/2017 VANGUARD INTL EQUITY INDES ETF HSBC Holdings PLC \$ 1,271,091 12/31/2017 VANGUARD INTLE EQUITY INDES ETF Samsung Electronics Corp \$ 1,271,091 12/31/2017 VANGUARD MSCI EMERGING MARKET ETF Tencent Holdings LTD \$ 550,773 12/31/2017 VANGUARD MSCI EMERGING MARKET ETF Taiwan Semiconductor \$ 209,708 12/31/2017 VANGUARD MSCI EMERGING MARKET ETF Taiwan Semiconductor \$ 162,296 12/31/2017 VANGUARD MSCI EMERGING MARKET ETF Taiwan Semiconductor \$ 162,296 12/31/2017 VANGUARD MSCI EMERGING MARKET ETF Taiwan Semiconductor \$ 162,296 12/31/2017 VANGUARD MSCI EMERGING MARKET ETF Taiwan Semiconductor \$ 162,296 12/31/2017 VANGUARD MSCI EMERGING MARKET ETF Taiwan Semiconductor \$ 162,296 12/31/2017 VANGUARD MSCI EMERGING MARKET ETF Taiwan Semiconductor \$ 1,	VANGUARD INTL EQUITY ETF	CCL Industries Inc	\$	33,909	12/31/2017
VANGUARD INTL EQUITY INDES ETF Novartis AG \$ 1,437,713 12/31/2017 VANGUARD INTL EQUITY INDES ETF HSBC Holdings PLC \$ 1,425,018 12/31/2017 VANGUARD INTL EQUITY INDES ETF Samsung Electronics Corp \$ 1,271,091 12/31/2017 VANGUARD MSCI EMERGING MARKET ETF Tencent Holdings LTD \$ 550,773 12/31/2017 VANGUARD MSCI EMERGING MARKET ETF Naspers Ltd \$ 230,615 12/31/2017 VANGUARD MSCI EMERGING MARKET ETF Taiwan Semiconductor \$ 209,708 12/31/2017 VANGUARD MSCI EMERGING MARKET ETF Taiwan Semiconductor \$ 162,296 12/31/2017 VANGUARD MSCI EMERGING MARKET ETF Taiwan Semiconductor \$ 162,296 12/31/2017 VANGUARD MSCI EMERGING MARKET ETF Taiwan Semiconductor \$ 162,296 12/31/2017 VANGUARD PACIFIC ETF Samsung Electronic Corp \$ 1,265,923 12/31/2017 VANGUARD PACIFIC ETF Toyat Motor Corp \$ 929,338 12/31/2017 VANGUARD PACIFIC ETF Al Group \$ 554,317 12/31/2017 VANGUARD ELETF Al Group \$ 554,317 12/31/2017 VANGU	VANGUARD INTL EQUITY INDES ETF	Tencent Holding LTD	\$	1,945,515	12/31/2017
VANGUARD INTL EQUITY INDES ETF Novartis AG \$ 1,437,713 12/31/2017 VANGUARD INTL EQUITY INDES ETF HSBC Holdings PLC \$ 1,225,018 12/31/2017 VANGUARD INTL EQUITY INDES ETF Samsung Electronics Corp \$ 1,271,091 12/31/2017 VANGUARD MSCI EMERGING MARKET ETF Tencent Holdings LTD \$ 550,773 12/31/2017 VANGUARD MSCI EMERGING MARKET ETF Naspers Ltd \$ 230,615 12/31/2017 VANGUARD MSCI EMERGING MARKET ETF Taiwan Semiconductor \$ 162,296 12/31/2017 VANGUARD MSCI EMERGING MARKET ETF Taiwan Semiconductor \$ 162,296 12/31/2017 VANGUARD MSCI EMERGING MARKET ETF Taiwan Semiconductor \$ 162,296 12/31/2017 VANGUARD MSCI EMERGING MARKET ETF Taiwan Semiconductor \$ 162,296 12/31/2017 VANGUARD MSCI EMERGING MARKET ETF Taiwan Semiconductor \$ 162,296 12/31/2017 VANGUARD MSCI EMERGING MARKET ETF Taiwan Semiconductor \$ 162,296 12/31/2017 VANGUARD MSCI EMERGING MARKET ETF Taiwan Semiconductor \$ 162,296 12/31/2017 VANGUARD MSCI EMERGING MARKET ETF Taiwan Semiconductor <t< td=""><td>VANGUARD INTL EQUITY INDES ETF</td><td>Nestle SA</td><td>\$</td><td>1,889,974</td><td>12/31/2017</td></t<>	VANGUARD INTL EQUITY INDES ETF	Nestle SA	\$	1,889,974	12/31/2017
VANGUARD INTL EQUITY INDES ETF HSBC Holdings PLC \$ 1,425,018 12/31/2017 VANGUARD INTL EQUITY INDES ETF Samsung Electronics Corp \$ 1,271,091 12/31/2017 VANGUARD MSCI EMERGING MARKET ETF Tencent Holdings LTD \$ 550,773 12/31/2017 VANGUARD MSCI EMERGING MARKET ETF Naspers Ltd \$ 230,615 12/31/2017 VANGUARD MSCI EMERGING MARKET ETF Taiwan Semiconductor \$ 209,708 12/31/2017 VANGUARD MSCI EMERGING MARKET ETF Taiwan Semiconductor \$ 162,296 12/31/2017 VANGUARD MSCI EMERGING MARKET ETF Taiwan Semiconductor \$ 162,296 12/31/2017 VANGUARD MSCI EMERGING MARKET ETF China Construction \$ 162,296 12/31/2017 VANGUARD MSCI EMERGING MARKET ETF China Construction \$ 158,178 12/31/2017 VANGUARD EMERGING MARKET ETF China Construction \$ 12,65,923 12/31/2017 VANGUARD EMERGING MARKET ETF Toylat Motor Corp \$ 1,265,923 12/31/2017 VANGUARD EMERGING MARKET ETF Toylat Motor Corp \$ 9,99,388 12/31/2017 VANGUARD EMERGING MARKET ETF Toylat Motor Corp \$ 9,99,388	VANGUARD INTL EQUITY INDES ETF	Novartis AG	\$	1.437.713	
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VANGUARD MSCI EMERGING MARKET ETF Taiwan Semiconductor \$ 162.296 12/31/2017 VANGUARD MSCI EMERGING MARKET ETF China Construction \$ 158,178 12/31/2017 VANGUARD PACIFIC ETF Samsung Electronic Corp \$ 1,265,923 12/31/2017 VANGUARD PACIFIC ETF Toyota Motor Corp \$ 929,358 12/31/2017 VANGUARD PACIFIC ETF Commonwealth Bank \$ 590,257 12/31/2017 VANGUARD PACIFIC ETF AIA Group \$ 554,317 12/31/2017 VANGUARD PACIFIC ETF Mitsubishi UFJ Filnancial \$ 515,418 12/31/2017 VANGUARD EUROPEAN ETF Mestle SA \$ 1,471,061 12/31/2017 VANGUARD EUROPEAN ETF Novartis AG \$ 1,119,118 12/31/2017 VANGUARD EUROPEAN ETF HSBC Holdings PLC \$ 1,109,063 12/31/2017 VANGUARD EUROPEAN ETF Roche Holding AG \$ 984,256 12/31/2017 VANGUARD EUROPEAN ETF Royal Dutch Shell PLC \$ 794,976 12/31/2017 VANGUARD UTILITIES ETF NextEra Energy Inc \$ 5,842,417 12/31/2017 VANGUARD UTILITIES ETF Dominion Resources				,	
VANGUARD MSCI EMERGING MARKET ETF China Construction \$ 158,178 12/31/2017 VANGUARD PACIFIC ETF Samsung Electronic Corp \$ 1,265,923 12/31/2017 VANGUARD PACIFIC ETF Toyota Motor Corp \$ 929,358 12/31/2017 VANGUARD PACIFIC ETF Commonwealth Bank \$ 590,257 12/31/2017 VANGUARD PACIFIC ETF AIA Group \$ 554,317 12/31/2017 VANGUARD PACIFIC ETF Mitsubishi UFJ Filnancial \$ 515,418 12/31/2017 VANGUARD EUROPEAN ETF Nestle SA \$ 1,471,061 12/31/2017 VANGUARD EUROPEAN ETF Novartis AG \$ 1,119,118 12/31/2017 VANGUARD EUROPEAN ETF HSBC Holdings PLC \$ 1,109,063 12/31/2017 VANGUARD EUROPEAN ETF HSBC Holding AG \$ 984,256 12/31/2017 VANGUARD EUROPEAN ETF Roche Holding AG \$ 984,256 12/31/2017 VANGUARD EUROPEAN ETF NextEra Energy Icr \$ 794,976 12/31/2017 VANGUARD UTILITIES ETF NextEra Energy Icr \$ 5,842,417 12/31/2017 VANGUARD UTILITIES ETF Duke Energy Corp \$ 4,918,158 <td>VANGUARD MSCLEMERGING MARKETETE</td> <td>Taiwan Semiconductor</td> <td>18</td> <td>209,708</td> <td>12/31/2017</td>	VANGUARD MSCLEMERGING MARKETETE	Taiwan Semiconductor	18	209,708	12/31/2017
VANGUARD PACIFIC ETF Samsung Electronic Corp \$ 1,265,923 12/31/2017 VANGUARD PACIFIC ETF Toyota Motor Corp \$ 929,358 12/31/2017 VANGUARD PACIFIC ETF Commonwealth Bank \$ 590,257 12/31/2017 VANGUARD PACIFIC ETF Ala Group \$ 554,317 12/31/2017 VANGUARD PACIFIC ETF Mitsubishi UFJ Filnancial \$ 515,418 12/31/2017 VANGUARD EUROPEAN ETF Nestle SA \$ 1,471,061 12/31/2017 VANGUARD EUROPEAN ETF Novartis AG \$ 1,119,118 12/31/2017 VANGUARD EUROPEAN ETF HSBC Holdings PLC \$ 1,109,063 12/31/2017 VANGUARD EUROPEAN ETF Roche Holding AG \$ 984,256 12/31/2017 VANGUARD EUROPEAN ETF Royal Dutch Shell PLC \$ 794,976 12/31/2017 VANGUARD UTILITIES ETF NextEra Energy Inc \$ 5,842,417 12/31/2017 VANGUARD UTILITIES ETF Duke Energy Corp \$ 4,918,158 12/31/2017 VANGUARD UTILITIES ETF Dominion Resources \$ 4,259,151 12/31/2017 VANGUARD UTILITIES ETF Southern Co \$ 4,031,694			-	,	
VANGUARD PACIFIC ETF Toyota Motor Corp \$ 929,358 12/31/2017 VANGUARD PACIFIC ETF Commonwealth Bank \$ 590,257 12/31/2017 VANGUARD PACIFIC ETF AIA Group \$ 554,317 12/31/2017 VANGUARD PACIFIC ETF Mitsubishi UFJ Filnancial \$ 515,418 12/31/2017 VANGUARD EUROPEAN ETF Nestle SA \$ 1,471,061 12/31/2017 VANGUARD EUROPEAN ETF Novartis AG \$ 1,119,118 12/31/2017 VANGUARD EUROPEAN ETF HSBC Holdings PLC \$ 1,109,063 12/31/2017 VANGUARD EUROPEAN ETF Roche Holding AG \$ 984,256 12/31/2017 VANGUARD EUROPEAN ETF Royal Dutch Shell PLC \$ 794,976 12/31/2017 VANGUARD EUROPEAN ETF NextEra Energy Inc \$ 5,842,417 12/31/2017 VANGUARD UTILITIES ETF NextEra Energy Inc \$ 5,842,417 12/31/2017 VANGUARD UTILITIES ETF Dominion Resources \$ 4,918,158 12/31/2017 VANGUARD UTILITIES ETF Southern Co \$ 4,031,694 12/31/2017 VANGUARD UTILITIES ETF Southern Co \$ 3,154,850 12			\$		12/31/2017
VANGUARD PACIFIC ETF Commonwealth Bank \$ 590,257 12/31/2017 VANGUARD PACIFIC ETF AlA Group \$ 554,317 12/31/2017 VANGUARD PACIFIC ETF Mitsubishi UFJ Filnancial \$ 515,418 12/31/2017 VANGUARD EUROPEAN ETF Nestle SA \$ 1,471,061 12/31/2017 VANGUARD EUROPEAN ETF Novartis AG \$ 1,119,118 12/31/2017 VANGUARD EUROPEAN ETF HSBC Holdings PLC \$ 1,109,063 12/31/2017 VANGUARD EUROPEAN ETF Roche Holding AG \$ 984,256 12/31/2017 VANGUARD EUROPEAN ETF Royal Dutch Shell PLC \$ 794,976 12/31/2017 VANGUARD UTILITIES ETF NextEra Energy Inc \$ 5,842,417 12/31/2017 VANGUARD UTILITIES ETF Duke Energy Corp \$ 4,918,158 12/31/2017 VANGUARD UTILITIES ETF Dominion Resources \$ 4,259,151 12/31/2017 VANGUARD UTILITIES ETF Southern Co \$ 4,031,694 12/31/2017 VANGUARD UTILITIES ETF Southern Co \$ 3,154,850 12/31/2017 VANGUARD UTILITIES ETF Southern Co \$ 3,154,850 12/31	VANGUARD MSCI EMERGING MARKET ETF	China Construction	\$	158,178	12/31/2017 12/31/2017
VANGUARD PACIFIC ETF AIA Group \$ 554,317 12/31/2017 VANGUARD PACIFIC ETF Mitsubishi UFJ Filnancial \$ 515,418 12/31/2017 VANGUARD EUROPEAN ETF Nestle SA \$ 1,471,061 12/31/2017 VANGUARD EUROPEAN ETF Novartis AG \$ 1,119,118 12/31/2017 VANGUARD EUROPEAN ETF HSBC Holdings PLC \$ 1,109,063 12/31/2017 VANGUARD EUROPEAN ETF Roche Holding AG \$ 984,256 12/31/2017 VANGUARD EUROPEAN ETF Royal Dutch Shell PLC \$ 794,976 12/31/2017 VANGUARD UTILITIES ETF NextEra Energy Inc \$ 5,842,417 12/31/2017 VANGUARD UTILITIES ETF Duke Energy Corp \$ 4,918,158 12/31/2017 VANGUARD UTILITIES ETF Dominion Resources \$ 4,259,151 12/31/2017 VANGUARD UTILITIES ETF Southern Co \$ 4,031,694 12/31/2017 VANGUARD UTILITIES ETF Southern Co \$ 4,031,694 12/31/2017 VANGUARD UTILITIES ETF Southern Co \$ 3,154,850 12/31/2017 VANGUARD UTILITIES ETF Southern Co \$ 3,154,850 12/31/2	VANGUARD MSCI EMERGING MARKET ETF	China Construction	\$	158,178	12/31/2017 12/31/2017
VANGUARD PACIFIC ETF Mitsubishi UFJ Filnancial \$ 515,418 12/31/2017 VANGUARD EUROPEAN ETF Nestle SA \$ 1,471,061 12/31/2017 VANGUARD EUROPEAN ETF Novartis AG \$ 1,119,118 12/31/2017 VANGUARD EUROPEAN ETF HSBC Holdings PLC \$ 1,109,063 12/31/2017 VANGUARD EUROPEAN ETF Roche Holding AG \$ 984,256 12/31/2017 VANGUARD EUROPEAN ETF Royal Dutch Shell PLC \$ 794,976 12/31/2017 VANGUARD UTILITIES ETF NextEra Energy Inc \$ 5,842,417 12/31/2017 VANGUARD UTILITIES ETF Duke Energy Corp \$ 4,918,158 12/31/2017 VANGUARD UTILITIES ETF Dominion Resources \$ 4,259,151 12/31/2017 VANGUARD UTILITIES ETF Southern Co \$ 4,031,694 12/31/2017 VANGUARD UTILITIES ETF Southern Co \$ 3,154,850 12/31/2017 VANGUARD UTILITIES ETF Excelon Corp \$ 3,154,850 12/31/2017 VICTORY MUNDER INT'L SMALL CAP FUND Vanguard FTSE Developed Market \$ 3,901,368 12/31/2017 VICTORY MUNDER INT'L SMALL CAP FUND Ipsen SA	VANGUARD MSCI EMERGING MARKET ETF VANGUARD PACIFIC ETF	China Construction Samsung Electronic Corp Toyota Motor Corp	\$ \$	158,178 1,265,923	12/31/2017 12/31/2017 12/31/2017
VANGUARD EUROPEAN ETF Nestle SA \$ 1,471,061 12/31/2017 VANGUARD EUROPEAN ETF Novartis AG \$ 1,119,118 12/31/2017 VANGUARD EUROPEAN ETF HSBC Holdings PLC \$ 1,109,063 12/31/2017 VANGUARD EUROPEAN ETF Roche Holding AG \$ 984,256 12/31/2017 VANGUARD EUROPEAN ETF Royal Dutch Shell PLC \$ 794,976 12/31/2017 VANGUARD EUROPEAN ETF NextEra Energy Inc \$ 5,842,417 12/31/2017 VANGUARD UTILITIES ETF NextEra Energy Inc \$ 5,842,417 12/31/2017 VANGUARD UTILITIES ETF Duke Energy Corp \$ 4,918,158 12/31/2017 VANGUARD UTILITIES ETF Dominion Resources \$ 4,259,151 12/31/2017 VANGUARD UTILITIES ETF Southern Co \$ 4,031,694 12/31/2017 VANGUARD UTILITIES ETF Southern Co \$ 3,154,850 12/31/2017 VANGUARD UTILITIES ETF Excelon Corp \$ 3,154,850 12/31/2017 VICTORY MUNDER INT'L SMALL CAP FUND Vanguard FTSE Developed Market \$ 2,872,591 12/31/2017 VICTORY MUNDER INT'L SMALL CAP FUND Ipsen SA	VANGUARD MSCI EMERGING MARKET ETF VANGUARD PACIFIC ETF VANGUARD PACIFIC ETF	China Construction Samsung Electronic Corp Toyota Motor Corp	\$ \$ \$ \$	158,178 1,265,923 929,358	12/31/2017 12/31/2017 12/31/2017 12/31/2017
VANGUARD EUROPEAN ETF Novartis AG \$ 1,119,118 12/31/2017 VANGUARD EUROPEAN ETF HSBC Holdings PLC \$ 1,109,063 12/31/2017 VANGUARD EUROPEAN ETF Roche Holding AG \$ 984,256 12/31/2017 VANGUARD EUROPEAN ETF Royal Dutch Shell PLC \$ 794,976 12/31/2017 VANGUARD UTILITIES ETF NextEra Energy Inc \$ 5,842,417 12/31/2017 VANGUARD UTILITIES ETF Duke Energy Corp \$ 4,918,158 12/31/2017 VANGUARD UTILITIES ETF Dominion Resources \$ 4,259,151 12/31/2017 VANGUARD UTILITIES ETF Southern Co \$ 4,031,694 12/31/2017 VANGUARD UTILITIES ETF Excelon Corp \$ 3,154,850 12/31/2017 VICTORY MUNDER INT'L SMALL CAP FUND Vanguard FTSE Developed Market \$ 3,901,368 12/31/2017 VICTORY MUNDER INT'L SMALL CAP FUND Brembo SpA \$ 2,872,591 12/31/2017 VICTORY MUNDER INT'L SMALL CAP FUND Ipsen SA \$ 2,802,126 12/31/2017	VANGUARD MSCI EMERGING MARKET ETF VANGUARD PACIFIC ETF VANGUARD PACIFIC ETF VANGUARD PACIFIC ETF	China Construction Samsung Electronic Corp Toyota Motor Corp Commonwealth Bank	\$ \$ \$ \$ \$	158,178 1,265,923 929,358 590,257	12/31/2017 12/31/2017 12/31/2017 12/31/2017 12/31/2017
VANGUARD EUROPEAN ETF Novartis AG \$ 1,119,118 12/31/2017 VANGUARD EUROPEAN ETF HSBC Holdings PLC \$ 1,109,063 12/31/2017 VANGUARD EUROPEAN ETF Roche Holding AG \$ 984,256 12/31/2017 VANGUARD EUROPEAN ETF Royal Dutch Shell PLC \$ 794,976 12/31/2017 VANGUARD UTILITIES ETF NextEra Energy Inc \$ 5,842,417 12/31/2017 VANGUARD UTILITIES ETF Duke Energy Corp \$ 4,918,158 12/31/2017 VANGUARD UTILITIES ETF Dominion Resources \$ 4,259,151 12/31/2017 VANGUARD UTILITIES ETF Southern Co \$ 4,031,694 12/31/2017 VANGUARD UTILITIES ETF Excelon Corp \$ 3,154,850 12/31/2017 VICTORY MUNDER INT'L SMALL CAP FUND Vanguard FTSE Developed Market \$ 3,901,368 12/31/2017 VICTORY MUNDER INT'L SMALL CAP FUND Brembo SpA \$ 2,872,591 12/31/2017 VICTORY MUNDER INT'L SMALL CAP FUND Ipsen SA \$ 2,802,126 12/31/2017	VANGUARD MSCI EMERGING MARKET ETF VANGUARD PACIFIC ETF VANGUARD PACIFIC ETF VANGUARD PACIFIC ETF VANGUARD PACIFIC ETF	China Construction Samsung Electronic Corp Toyota Motor Corp Commonwealth Bank AIA Group	\$ \$ \$ \$ \$	158,178 1,265,923 929,358 590,257 554,317	12/31/2017 12/31/2017 12/31/2017 12/31/2017 12/31/2017 12/31/2017
VANGUARD EUROPEAN ETF HSBC Holdings PLC \$ 1,109,063 12/31/2017 VANGUARD EUROPEAN ETF Roche Holding AG \$ 984,256 12/31/2017 VANGUARD EUROPEAN ETF Royal Dutch Shell PLC \$ 794,976 12/31/2017 VANGUARD UTILITIES ETF NextEra Energy Inc \$ 5,842,417 12/31/2017 VANGUARD UTILITIES ETF Duke Energy Corp \$ 4,918,158 12/31/2017 VANGUARD UTILITIES ETF Dominion Resources \$ 4,259,151 12/31/2017 VANGUARD UTILITIES ETF Southern Co \$ 4,031,694 12/31/2017 VANGUARD UTILITIES ETF Excelon Corp \$ 3,154,850 12/31/2017 VICTORY MUNDER INT'L SMALL CAP FUND Vanguard FTSE Developed Market \$ 3,901,368 12/31/2017 VICTORY MUNDER INT'L SMALL CAP FUND Brembo SpA \$ 2,872,591 12/31/2017 VICTORY MUNDER INT'L SMALL CAP FUND Ipsen SA \$ 2,802,126 12/31/2017	VANGUARD MSCI EMERGING MARKET ETF VANGUARD PACIFIC ETF	China Construction Samsung Electronic Corp Toyota Motor Corp Commonwealth Bank AIA Group Mitsubishi UFJ Filnancial	\$ \$ \$ \$ \$ \$	158,178 1,265,923 929,358 590,257 554,317 515,418	12/31/2017 12/31/2017 12/31/2017 12/31/2017 12/31/2017 12/31/2017 12/31/2017
VANGUARD EUROPEAN ETF Roche Holding AG \$ 984,256 12/31/2017 VANGUARD EUROPEAN ETF Royal Dutch Shell PLC \$ 794,976 12/31/2017 VANGUARD UTILITIES ETF NextEra Energy Inc \$ 5,842,417 12/31/2017 VANGUARD UTILITIES ETF Duke Energy Corp \$ 4,918,158 12/31/2017 VANGUARD UTILITIES ETF Dominion Resources \$ 4,259,151 12/31/2017 VANGUARD UTILITIES ETF Southern Co \$ 4,031,694 12/31/2017 VANGUARD UTILITIES ETF Excelon Corp \$ 3,154,850 12/31/2017 VICTORY MUNDER INT'L SMALL CAP FUND Vanguard FTSE Developed Market \$ 3,901,368 12/31/2017 VICTORY MUNDER INT'L SMALL CAP FUND Brembo SpA \$ 2,872,591 12/31/2017 VICTORY MUNDER INT'L SMALL CAP FUND Ipsen SA \$ 2,802,126 12/31/2017	VANGUARD MSCI EMERGING MARKET ETF VANGUARD PACIFIC ETF	China Construction Samsung Electronic Corp Toyota Motor Corp Commonwealth Bank AIA Group Mitsubishi UFJ Filnancial Nestle SA	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	158,178 1,265,923 929,358 590,257 554,317 515,418 1,471,061	12/31/2017 12/31/2017 12/31/2017 12/31/2017 12/31/2017 12/31/2017 12/31/2017 12/31/2017
VANGUARD EUROPEAN ETF Royal Dutch Shell PLC \$ 794,976 12/31/2017 VANGUARD UTILITIES ETF NextEra Energy Inc \$ 5,842,417 12/31/2017 VANGUARD UTILITIES ETF Duke Energy Corp \$ 4,918,158 12/31/2017 VANGUARD UTILITIES ETF Dominion Resources \$ 4,259,151 12/31/2017 VANGUARD UTILITIES ETF Southern Co \$ 4,031,694 12/31/2017 VANGUARD UTILITIES ETF Excelon Corp \$ 3,154,850 12/31/2017 VICTORY MUNDER INT'L SMALL CAP FUND Vanguard FTSE Developed Market \$ 3,901,368 12/31/2017 VICTORY MUNDER INT'L SMALL CAP FUND Brembo SpA \$ 2,872,591 12/31/2017 VICTORY MUNDER INT'L SMALL CAP FUND Ipsen SA \$ 2,802,126 12/31/2017	VANGUARD MSCI EMERGING MARKET ETF VANGUARD PACIFIC ETF VANGUARD EUROPEAN ETF	China Construction Samsung Electronic Corp Toyota Motor Corp Commonwealth Bank AIA Group Mitsubishi UFJ Filnancial Nestle SA Novartis AG	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	158,178 1,265,923 929,358 590,257 554,317 515,418 1,471,061 1,119,118	12/31/2017 12/31/2017 12/31/2017 12/31/2017 12/31/2017 12/31/2017 12/31/2017 12/31/2017 12/31/2017
VANGUARD UTILITIES ETF NextEra Energy Inc \$ 5,842,417 12/31/2017 VANGUARD UTILITIES ETF Duke Energy Corp \$ 4,918,158 12/31/2017 VANGUARD UTILITIES ETF Dominion Resources \$ 4,259,151 12/31/2017 VANGUARD UTILITIES ETF Southern Co \$ 4,031,694 12/31/2017 VANGUARD UTILITIES ETF Excelon Corp \$ 3,154,850 12/31/2017 VICTORY MUNDER INT'L SMALL CAP FUND Vanguard FTSE Developed Market \$ 3,901,368 12/31/2017 VICTORY MUNDER INT'L SMALL CAP FUND Brembo SpA \$ 2,872,591 12/31/2017 VICTORY MUNDER INT'L SMALL CAP FUND Ipsen SA \$ 2,802,126 12/31/2017	VANGUARD MSCI EMERGING MARKET ETF VANGUARD PACIFIC ETF VANGUARD EUROPEAN ETF VANGUARD EUROPEAN ETF	China Construction Samsung Electronic Corp Toyota Motor Corp Commonwealth Bank AIA Group Mitsubishi UFJ Filnancial Nestle SA Novartis AG HSBC Holdings PLC	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	158,178 1,265,923 929,358 590,257 554,317 515,418 1,471,061 1,119,118 1,109,063	12/31/2017 12/31/2017 12/31/2017 12/31/2017 12/31/2017 12/31/2017 12/31/2017 12/31/2017 12/31/2017 12/31/2017
VANGUARD UTILITIES ETF Duke Energy Corp \$ 4,918,158 12/31/2017 VANGUARD UTILITIES ETF Dominion Resources \$ 4,259,151 12/31/2017 VANGUARD UTILITIES ETF Southern Co \$ 4,031,694 12/31/2017 VANGUARD UTILITIES ETF Excelon Corp \$ 3,154,850 12/31/2017 VICTORY MUNDER INT'L SMALL CAP FUND Vanguard FTSE Developed Market \$ 3,901,368 12/31/2017 VICTORY MUNDER INT'L SMALL CAP FUND Brembo SpA \$ 2,872,591 12/31/2017 VICTORY MUNDER INT'L SMALL CAP FUND Ipsen SA \$ 2,802,126 12/31/2017	VANGUARD MSCI EMERGING MARKET ETF VANGUARD PACIFIC ETF VANGUARD EUROPEAN ETF VANGUARD EUROPEAN ETF VANGUARD EUROPEAN ETF VANGUARD EUROPEAN ETF	China Construction Samsung Electronic Corp Toyota Motor Corp Commonwealth Bank AIA Group Mitsubishi UFJ Filnancial Nestle SA Novartis AG HSBC Holdings PLC Roche Holding AG	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	158,178 1,265,923 929,358 590,257 554,317 515,418 1,471,061 1,119,118 1,109,063 984,256	12/31/2017 12/31/2017 12/31/2017 12/31/2017 12/31/2017 12/31/2017 12/31/2017 12/31/2017 12/31/2017 12/31/2017 12/31/2017
VANGUARD UTILITIES ETF Dominion Resources \$ 4,259,151 12/31/2017 VANGUARD UTILITIES ETF Southern Co \$ 4,031,694 12/31/2017 VANGUARD UTILITIES ETF Excelon Corp \$ 3,154,850 12/31/2017 VICTORY MUNDER INT'L SMALL CAP FUND Vanguard FTSE Developed Market \$ 3,901,368 12/31/2017 VICTORY MUNDER INT'L SMALL CAP FUND Brembo SpA \$ 2,872,591 12/31/2017 VICTORY MUNDER INT'L SMALL CAP FUND Ipsen SA \$ 2,802,126 12/31/2017	VANGUARD MSCI EMERGING MARKET ETF VANGUARD PACIFIC ETF VANGUARD EUROPEAN ETF	China Construction Samsung Electronic Corp Toyota Motor Corp Commonwealth Bank AIA Group Mitsubishi UFJ Filnancial Nestle SA Novartis AG HSBC Holdings PLC Roche Holding AG Royal Dutch Shell PLC	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	158,178 1,265,923 929,358 590,257 554,317 515,418 1,471,061 1,119,118 1,109,063 984,256 794,976	12/31/2017 12/31/2017 12/31/2017 12/31/2017 12/31/2017 12/31/2017 12/31/2017 12/31/2017 12/31/2017 12/31/2017 12/31/2017 12/31/2017
VANGUARD UTILITIES ETF Southern Co \$ 4,031,694 12/31/2017 VANGUARD UTILITIES ETF Excelon Corp \$ 3,154,850 12/31/2017 VICTORY MUNDER INT'L SMALL CAP FUND Vanguard FTSE Developed Market \$ 3,901,368 12/31/2017 VICTORY MUNDER INT'L SMALL CAP FUND Brembo SpA \$ 2,872,591 12/31/2017 VICTORY MUNDER INT'L SMALL CAP FUND Ipsen SA \$ 2,802,126 12/31/2017	VANGUARD MSCI EMERGING MARKET ETF VANGUARD PACIFIC ETF VANGUARD EUROPEAN ETF	China Construction Samsung Electronic Corp Toyota Motor Corp Commonwealth Bank AIA Group Mitsubishi UFJ Filnancial Nestle SA Novartis AG HSBC Holdings PLC Roche Holding AG Royal Dutch Shell PLC NextEra Energy Inc	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	158,178 1,265,923 929,358 590,257 554,317 515,418 1,471,061 1,119,118 1,109,063 984,256 794,976 5,842,417	12/31/2017 12/31/2017 12/31/2017 12/31/2017 12/31/2017 12/31/2017 12/31/2017 12/31/2017 12/31/2017 12/31/2017 12/31/2017 12/31/2017 12/31/2017 12/31/2017
VANGUARD UTILITIES ETF Excelon Corp \$ 3,154,850 12/31/2017 VICTORY MUNDER INT'L SMALL CAP FUND Vanguard FTSE Developed Market \$ 3,901,368 12/31/2017 VICTORY MUNDER INT'L SMALL CAP FUND Brembo SpA \$ 2,872,591 12/31/2017 VICTORY MUNDER INT'L SMALL CAP FUND Ipsen SA \$ 2,802,126 12/31/2017	VANGUARD MSCI EMERGING MARKET ETF VANGUARD PACIFIC ETF VANGUARD EUROPEAN ETF VANGUARD UTILITIES ETF	China Construction Samsung Electronic Corp Toyota Motor Corp Commonwealth Bank AIA Group Mitsubishi UFJ Filnancial Nestle SA Novartis AG HSBC Holdings PLC Roche Holding AG Royal Dutch Shell PLC NextEra Energy Inc Duke Energy Corp	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	158,178 1,265,923 929,358 590,257 554,317 515,418 1,471,061 1,119,118 1,109,063 984,256 794,976 5,842,417 4,918,158	12/31/2017 12/31/2017 12/31/2017 12/31/2017 12/31/2017 12/31/2017 12/31/2017 12/31/2017 12/31/2017 12/31/2017 12/31/2017 12/31/2017 12/31/2017 12/31/2017 12/31/2017
VICTORY MUNDER INT'L SMALL CAP FUND Vanguard FTSE Developed Market \$ 3,901,368 12/31/2017 VICTORY MUNDER INT'L SMALL CAP FUND Brembo SpA \$ 2,872,591 12/31/2017 VICTORY MUNDER INT'L SMALL CAP FUND Ipsen SA \$ 2,802,126 12/31/2017	VANGUARD MSCI EMERGING MARKET ETF VANGUARD PACIFIC ETF VANGUARD EUROPEAN ETF VANGUARD UTILITIES ETF VANGUARD UTILITIES ETF	China Construction Samsung Electronic Corp Toyota Motor Corp Commonwealth Bank AIA Group Mitsubishi UFJ Filnancial Nestle SA Novartis AG HSBC Holdings PLC Roche Holding AG Royal Dutch Shell PLC NextEra Energy Inc Duke Energy Corp Dominion Resources	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	158,178 1,265,923 929,358 590,257 554,317 515,418 1,471,061 1,119,118 1,109,063 984,256 794,976 5,842,417 4,918,158 4,259,151	12/31/2017 12/31/2017 12/31/2017 12/31/2017 12/31/2017 12/31/2017 12/31/2017 12/31/2017 12/31/2017 12/31/2017 12/31/2017 12/31/2017 12/31/2017 12/31/2017 12/31/2017 12/31/2017
VICTORY MUNDER INT'L SMALL CAP FUND Brembo SpA \$ 2,872,591 12/31/2017 VICTORY MUNDER INT'L SMALL CAP FUND Ipsen SA \$ 2,802,126 12/31/2017	VANGUARD MSCI EMERGING MARKET ETF VANGUARD PACIFIC ETF VANGUARD EUROPEAN ETF VANGUARD UTILITIES ETF VANGUARD UTILITIES ETF VANGUARD UTILITIES ETF	China Construction Samsung Electronic Corp Toyota Motor Corp Commonwealth Bank AIA Group Mitsubishi UFJ Filnancial Nestle SA Novartis AG HSBC Holdings PLC Roche Holding AG Royal Dutch Shell PLC NextEra Energy Inc Duke Energy Corp Dominion Resources Southern Co	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	158,178 1,265,923 929,358 590,257 554,317 515,418 1,471,061 1,119,118 1,109,063 984,256 794,976 5,842,417 4,918,158 4,259,151 4,031,694	12/31/2017 12/31/2017 12/31/2017 12/31/2017 12/31/2017 12/31/2017 12/31/2017 12/31/2017 12/31/2017 12/31/2017 12/31/2017 12/31/2017 12/31/2017 12/31/2017 12/31/2017 12/31/2017 12/31/2017 12/31/2017
VICTORY MUNDER INT'L SMALL CAP FUND Ipsen SA \$ 2,802,126 12/31/2017	VANGUARD MSCI EMERGING MARKET ETF VANGUARD PACIFIC ETF VANGUARD EUROPEAN ETF VANGUARD UTILITIES ETF	China Construction Samsung Electronic Corp Toyota Motor Corp Commonwealth Bank AIA Group Mitsubishi UFJ Filnancial Nestle SA Novartis AG HSBC Holdings PLC Roche Holding AG Royal Dutch Shell PLC NextEra Energy Inc Duke Energy Corp Dominion Resources Southern Co Excelon Corp	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	158,178 1,265,923 929,358 590,257 554,317 515,418 1,471,061 1,119,118 1,109,063 984,256 794,976 5,842,417 4,918,158 4,259,151 4,031,694 3,154,850	12/31/2017 12/31/2017 12/31/2017 12/31/2017 12/31/2017 12/31/2017 12/31/2017 12/31/2017 12/31/2017 12/31/2017 12/31/2017 12/31/2017 12/31/2017 12/31/2017 12/31/2017 12/31/2017 12/31/2017 12/31/2017 12/31/2017
	VANGUARD MSCI EMERGING MARKET ETF VANGUARD PACIFIC ETF VANGUARD EUROPEAN ETF VANGUARD UTILITIES ETF	China Construction Samsung Electronic Corp Toyota Motor Corp Commonwealth Bank AIA Group Mitsubishi UFJ Filnancial Nestle SA Novartis AG HSBC Holdings PLC Roche Holding AG Royal Dutch Shell PLC NextEra Energy Inc Duke Energy Corp Dominion Resources Southern Co Excelon Corp	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	158,178 1,265,923 929,358 590,257 554,317 515,418 1,471,061 1,119,118 1,109,063 984,256 794,976 5,842,417 4,918,158 4,259,151 4,031,694 3,154,850	12/31/2017 12/31/2017 12/31/2017 12/31/2017 12/31/2017 12/31/2017 12/31/2017 12/31/2017 12/31/2017 12/31/2017 12/31/2017 12/31/2017 12/31/2017 12/31/2017 12/31/2017 12/31/2017 12/31/2017 12/31/2017 12/31/2017
VICTORY MUNDER INT'L SMALL CAP FUND Lonza Group \$ 2,640,059 12/31/2017	VANGUARD MSCI EMERGING MARKET ETF VANGUARD PACIFIC ETF VANGUARD EUROPEAN ETF VANGUARD UTILITIES ETF	China Construction Samsung Electronic Corp Toyota Motor Corp Commonwealth Bank AIA Group Mitsubishi UFJ Filnancial Nestle SA Novartis AG HSBC Holdings PLC Roche Holding AG Royal Dutch Shell PLC NextEra Energy Inc Duke Energy Corp Dominion Resources Southern Co Excelon Corp Vanguard FTSE Developed Market	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	158,178 1,265,923 929,358 590,257 554,317 515,418 1,471,061 1,119,118 1,109,063 984,256 794,976 5,842,417 4,918,158 4,259,151 4,031,694 3,154,850 3,901,368	12/31/2017 12/31/2017 12/31/2017 12/31/2017 12/31/2017 12/31/2017 12/31/2017 12/31/2017 12/31/2017 12/31/2017 12/31/2017 12/31/2017 12/31/2017 12/31/2017 12/31/2017 12/31/2017 12/31/2017 12/31/2017 12/31/2017 12/31/2017
	VANGUARD MSCI EMERGING MARKET ETF VANGUARD PACIFIC ETF VANGUARD EUROPEAN ETF VANGUARD UTILITIES ETF VICTORY MUNDER INT'L SMALL CAP FUND VICTORY MUNDER INT'L SMALL CAP FUND	China Construction Samsung Electronic Corp Toyota Motor Corp Commonwealth Bank AIA Group Mitsubishi UFJ Filnancial Nestle SA Novartis AG HSBC Holdings PLC Roche Holding AG Royal Dutch Shell PLC NextEra Energy Inc Duke Energy Corp Dominion Resources Southern Co Excelon Corp Vanguard FTSE Developed Market Brembo SpA	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	158,178 1,265,923 929,358 590,257 554,317 515,418 1,471,061 1,119,118 1,109,063 984,256 794,976 5,842,417 4,918,158 4,259,151 4,031,694 3,154,850 3,901,368 2,872,591	12/31/2017 12/31/2017

PART 1 - COMMON INTERROGATORIES

VICTORY MUNDER INT'L SMALL CAP FUND	Atos SE	\$ 2,564,897	12/31/2017
INVESCO US SENIOR LOAN - GX FUND	First Data Corp	\$ 1,090,116	12/31/2017
INVESCO US SENIOR LOAN - GX FUND	Cayman Ltd	\$ 846,323	12/31/2017
INVESCO US SENIOR LOAN - GX FUND	IHeartCommunications Inc	\$ 819,441	12/31/2017
INVESCO US SENIOR LOAN - GX FUND	Energy Future Dip	\$ 774,019	12/31/2017
INVESCO US SENIOR LOAN - GX FUND	US Foods Inc	\$ 710,985	12/31/2017
ISHARES INTERMEDIATE CREDIT FUND	KFW	\$ 149	12/31/2017
ISHARES INTERMEDIATE CREDIT FUND	Blackrock Cash Fund	\$ 149	12/31/2017
ISHARES INTERMEDIATE CREDIT FUND	IADB	\$ 128	12/31/2017
ISHARES INTERMEDIATE CREDIT FUND	AVIBB	\$ 118	12/31/2017
ISHARES INTERMEDIATE CREDIT FUND	BAC	\$ 100	12/31/2017

Provide the following information for all short-term and long-term bonds and all preferred stocks. Do not substitute amortized value or statement value for fair value. 30.

			1	2	3	
						ess of Statement over Fair
			Statement (Admitted) Value	Fair Value	Value (-), or Fair Value Statement (+)	
		-	Otatement (Hamilton) Value	Tall Value		Gtatement (1)
30.1	Bonds	\$	4,623,447,407	\$ 4,672,498,741	\$	49,051,334
30.2	Preferred Stocks	\$	0	\$ 0	\$	0
30.3	Totals	\$	4,623,447,407	\$ 4,672,498,741	\$	49,051,334

30.4 Describe the sources or methods utilized in determining the fair values:

> Bonds and preferred stocks are priced by the SVO when available. When SVO pricing is not available, the securities are priced by our external pricing source. Interactive Data Pricing and Reference Data LLC.

- Was the rate used to calculate fair value determined by a broker or custodian for any of the securities in Schedule D? 311
- 31.2 If the answer to 31.1 is yes, does the reporting entity have a copy of the broker's or custodian's pricing policy (hard copy or electronic copy) for all brokers or custodians used as a pricing source?
- If the answer to 31.2 is no, describe the reporting entity's process for determining a reliable pricing source for purposes of 31.3 disclosure of fair value for Schedule D:
- 32.1 Have all the filing requirements of the Purposes and Procedures Manual of the NAIC Investment Analysis Office been followed?
- 32.2 If no, list exceptions:

34.2

36.2

- 33. By self-designating 5*Gl securities, the reporting entity is certifying the following elements for each self-designation 5*Gl security:
 - Documentation necessary to permit a full credit analysis of the security does not exist.
 - h Issuer or obligor is current on all contracted interest and principal payments.
 - The insurer has an actual expectation of ultimate payment of all contracted interest and principal. C.

Has the reporting entity self-designated 5*Gl securities?

OTHER

34.1 Amount of payments to trade associations, service organizations and statistical or rating bureaus, if any?

List the name of the organization and the amount paid if any such payment represented 25% or more of the total payments to trade associations, service organizations and statistical or rating bureaus during the period covered by this statement

and decoding of the organization and statement of rating bareaus daming the period	or or our of the order	
1		2
Name		Amount Paid
AMERICAN INSURANCE ASSOCIATION	S	511.452

35 1 Amount of payments for legal expenses, if any?

3,449,666 \$

Yes [] No [X]

Yes [] No []

Yes [X] No []

Yes[] No[X]

602,127

35.2 List the name of the firm and the amount paid if any such payment represented 25% or more of the total payments for legal expenses during the period covered by this statement.

1	2
Name	Amount Paid
	\$

36.1 \$ Amount of payments for expenditures in connection with matters before legislative bodies, officers or departments of government, if any?

List the name of the firm and the amount paid if any such payment represented 25% or more of the total payment expenditures in connection with matters before legislative bodies, officers or departments of government during the period covered by this statement

1	2
Name	Amount Paid
	\$

GENERAL INTERROGATORIES

PART 2 - PROPERTY & CASUALTY INTERROGATORIES

1.1 1.2		ne reporting entity have any direct Medicar ndicate premium earned on U.S. business		ance in force?				\$	Yes[]	No [X] 0
1.3		ortion of Item (1.2) is not reported on the N	-	nt Insurance Experience Exhibit?	>			\$ \$		0
	1.31	Reason for excluding:						Ψ		
1.4	Indicate	e amount of earned premium attributable to	o Canadian and/or (Other Alien not included in Item ((1.2) above			\$		0
1.5		e total incurred claims on all Medicare Sup					•	\$		0
1.6		ual policies:	,				•	¥		
		urrent three years:								
	1.61	Total premium earned						\$		0
	1.62	Total incurred claims						\$		0
	1.63	Number of covered lives						-		0
	All year	rs prior to most current three years:								
	1.64	Total premium earned						\$		0
	1.65	Total incurred claims						\$		0
	1.66	Number of covered lives								0
1.7	Group	policies:								
	Most cu	urrent three years:								
	1.71	Total premium earned						\$		0
	1.72	Total incurred claims						\$		0
	1.73	Number of covered lives								0
	All year	rs prior to most current three years:								
	1.74	Total premium earned						\$		0
	1.75	Total incurred claims						\$		0
	1.76	Number of covered lives								0
2.	Health	Test:								
				1		2				
	0.4	B : N :	•	Current Year	•	Prior Year	•			
	2.1	Premium Numerator	\$	0	\$	0.040.404.4	0			
	2.2	Premium Denominator	\$	3,026,293,802	\$	2,819,104,1				
	2.3	Premium Ratio (2.1/2.2)	_	0.0%	_		0.0%			
	2.4	Reserve Numerator	\$	0	\$		0			
	2.5	Reserve Denominator	\$	4,826,541,298	\$	3,389,985,4				
	2.6	Reserve Ratio (2.4/2.5)		0.0%	_		0.0%			
3.1		ne reporting entity issue both participating		g policies?					Yes []	No [X]
3.2		state the amount of calendar year premium	ns written on:					¢.		0
	3.21 3.22	Participating policies						\$		0
4		Non-participating policies UTUAL REPORTING ENTITIES AND RE	CIDDOCAL EVOLIA	NOTE ONLY				φ		0
4.	4.1	Does the reporting entity issue assessal		INGES UNLT.					Yes[]	No [X]
	4.1	Does the reporting entity issue assessal	•						Yes [X]	No[X]
	4.3	If assessable policies are issued, what is		ontingent liability of the policyholo	ders?				103[X]	W %
	4.4	Total amount of assessments paid or or				remiums.		\$		0
5.		ECIPROCAL EXCHANGES ONLY:	на по развата		gp			*		
	5.1	Does the exchange appoint local agents	s?						Yes[]	No[]
	5.2	If yes, is the commission paid:								
		5.21 Out of Attorney's-in-fact compe	ensation					Yes[]	No[]	N/A [X]
		5.22 As a direct expense of the exch	hange					Yes[]	No[]	N/A [X]
	5.3	What expenses of the exchange are not	t paid out of the com	pensation of the Attorney-in-fact	t?					
	5.4	Has any Attorney-in-fact compensation,	contingent on fulfillr	nent of certain conditions, been	deferred?				Yes[]	No[]
	5.5	If yes, give full information:	contingent on famili	nent of certain conditions, been	uelelleu :				163[]	NO[]
	0.0	, 55, 9.75								
6.1		rovision has this reporting entity made to p	protect itself from an	excessive loss in the event of a	catastrophe i	under a workers' co	mpensation			
		ct issued without limit of loss? Ompany does not issue Workers' Compens	sation contracts							
6.2		be the method used to estimate this reporti		maximum insurance loss, and ic	dentify the typ	oe of insured expos	ures comprising			
	that pro	obable maximum loss, the locations of con-	centrations of those							
		re models), if any, used in the estimation prompany uses the AIR Touchstone 5.1 soft		atastrophe exposure in hurrican	e and eartho	uake prone areas v	here we have			
		strations of business.			ourmy	2.0.10 01000 1				
6.3		rovision has this reporting entity made (su			tself from an e	excessive loss arisi	ng from the types			
		ncentrations of insured exposures compris ition to controlling the Company's expos			and limits of	f liability we nurch	ase risk and			
		ophe reinsurance.	Jaro by 1000 PIEVEI	mon originooning, deductibles,	ana minto U	. navinty, we pull	idoo non anu			
6.4		ne reporting entity carry catastrophe reinsu			n amount suff	icient to cover its es	stimated			
0.5		le maximum loss attributable to a single lo					and the first of the first		Yes[]	No [X]
6.5		escribe any arrangements or mechanisms ire to unreinsured catastrophic loss:	employed by the re	porting entity to supplement its c	catastrophe re	einsurance program	or to nedge its			
		are certain parts of the Company's catastro	onhe program in the	high excess layers for which a	reimhurseme	nt clause is not and	licable These			

parts of the program cover events that management considered and evaluated as less likely to occur, and given the Company's strong surplus

GENERAL INTERROGATORIES

PART 2 - PROPERTY & CASUALTY INTERROGATORIES

position and its ability to purchase additional reinsurance if an event occurs, it was determined that a reinstatement clause is not required for those

	рапѕо	t the program.			
7.1	limit the	e reporting entity reinsured any risk with any other entity under a quota share reinsurance contract that includes a provision that would e reinsurer's losses below the stated quota share percentage (e.g., a deductible, a loss ratio corridor, a loss cap, an aggregate limit or illar provisions)?		Yes[]	No [X
7.2	If yes, i	ndicate the number of reinsurance contracts containing such provisions.			0
7.3	-	loes the amount of reinsurance credit taken reflect the reduction in quota share coverage caused by any applicable limiting provision(s)?		Yes[]	No [
8.1	that ma	s reporting entity reinsured any risk with any other entity and agreed to release such entity from liability, in whole or in part, from any loss y occur on this risk, or portion thereof, reinsured?		Yes[]	No [X
8.2	If yes, g	give full information			
9.1	which d surplus than 5%	e reporting entity ceded any risk under any reinsurance contract (or under multiple contracts with the same reinsurer or its affiliates) for luring the period covered by the statement: (i) it recorded a positive or negative underwriting result greater than 5% of prior year-end as regards policyholders or it reported calendar year written premium ceded or year-end loss and loss expense reserves ceded greater 6 of prior year-end surplus as regards policyholders; (ii) it accounted for that contract as reinsurance and not as a deposit; and (iii) the t(s) contain one or more of the following features or other features that would have similar results:			
	(a)	A contract term longer than two years and the contract is noncancellable by the reporting entity during the contract term;			
	(b)	A limited or conditional cancellation provision under which cancellation triggers an obligation by the reporting entity, or an affiliate of the reporting entity, to enter into a new reinsurance contract with the reinsurer, or an affiliate of the reinsurer;			
	(c)	Aggregate stop loss reinsurance coverage;			
	(d)	A unilateral right by either party (or both parties) to commute the reinsurance contract, whether conditional or not, except for such provisions which are only triggered by a decline in the credit status of the other party;			
	(e) (f)	A provision permitting reporting of losses, or payment of losses, less frequently than on a quarterly basis (unless there is no activity during the period); or Payment schedule, accumulating retentions from multiple years or any features inherently designed to delay timing of the reimbursement			
0.0		to the ceding entity?		Yes[]	No [X
9.2	with the result g and los arrange more un	e reporting entity during the period covered by the statement ceded any risk under any reinsurance contract (or under multiple contracts esame reinsurer or its affiliates), for which, during the period covered by the statement, it recorded a positive or negative underwriting reater than 5% of prior year-end surplus as regards policyholders or it reported calendar year written premium ceded or year-end loss is expense reserves ceded greater than 5% of prior year-end surplus as regards policyholders; excluding cessions to approved pooling ements or to captive insurance companies that are directly or indirectly controlling, controlled by, or under common control with (i) one or naffiliated policyholders of the reporting entity, or (ii) an association of which one or more unaffiliated policyholders of the reporting entity mber where:			
	(a)	The written premium ceded to the reinsurer by the reporting entity or its affiliates represents fifty percent (50%) or more of the entire direct and assumed premium written by the reinsurer based on its most recently available financial statement; or			
	(b)	Twenty-five percent (25%) or more of the written premium ceded to the reinsurer has been retroceded back to the reporting entity or its affiliates in a separate reinsurance contract.		Yes[]	No [X
9.3	If yes to	9.1 or 9.2, please provide the following information in the Reinsurance Summary Supplemental Filing for General Interrogatory 9:			
	(a)	The aggregate financial statement impact gross of all such ceded reinsurance contracts on the balance sheet and statement of income;			
	(b)	A summary of the reinsurance contract terms and indicate whether it applies to the contracts meeting the criteria in 9.1 or 9.2; and			
	(c)	A brief discussion of management's principle objectives in entering into the reinsurance contract including the economic purpose to be achieve	d.		
9.4	ceded a	for transactions meeting the requirements of paragraph 31 of SSAP No. 62R, Property and Casualty Reinsurance, has the reporting entity any risk under any reinsurance contract (or multiple contracts with the same reinsurer or its affiliates) during the period covered by the all statement, and either:			
	(a)	Accounted for that contract as reinsurance (either prospective or retroactive) under statutory accounting principles ("SAP") and as a deposit under generally accepted accounting principles ("GAAP"); or			
	(b)	Accounted for that contract as reinsurance under GAAP and as a deposit under SAP?		Yes[]	No [X
9.5		9.4, explain in the Reinsurance Summary Supplemental Filing for General Interrogatory 9 (Section D) why the contract(s) is treated tty for GAAP and SAP.			
9.6	The rep	porting entity is exempt from the Reinsurance Attestation Supplement under one or more of the following criteria:			
	(a)	The entity does not utilize reinsurance; or,		Yes[]	No [X
	(b)	The entity only engages in a 100% quota share contract with an affiliate and the affiliated or lead company has filed an attestation supplement; or		Yes[]	No [X
	(c)	The entity has no external cessions and only participates in an intercompany pool and the affiliated or lead company has filed an attestation supplement.		Yes[]	No [X
10.	which the	porting entity has assumed risks from another entity, there should be charged on account of such reinsurances a reserve equal to that he original entity would have been required to charge had it retained the risks. Has this been done?	Yes [X]	No []	N/A [
11.1		e reporting entity guaranteed policies issued by any other entity and now in force?		Yes [X]	No [
11.2		give full information otes to the Financial Statements #14 for details on guarantees.			
12.1	If the re	eporting entity recorded accrued retrospective premiums on insurance contracts on Line 15.3 of the assets schedule, Page 2, state the tof corresponding liabilities recorded for:			
	12.11	Unpaid losses	\$		0
	12.12	Unpaid underwriting expenses (including loss adjustment expenses)	\$		0
12.2	Of the a	amount on Line 15.3, Page 2, state the amount that is secured by letters of credit, collateral and other funds?	\$		0
12.3		porting entity underwrites commercial insurance risks, such as workers' compensation, are premium notes or promissory notes ed from its insureds covering unpaid premiums and/or unpaid losses?	Yes[]	No []	N/A [X
12.4	If yes, p 12.41	provide the range of interest rates charged under such notes during the period covered by this statement: From			%
	12.42	To	-		%
12.5	Are lett	ers of credit or collateral and other funds received from insureds being utilized by the reporting entity to secure premium notes or sory notes taken by a reporting entity, or to secure any of the reporting entity's reported direct unpaid loss reserves, including		Varia	
12.6		losses under loss deductible features of commercial policies? state the amount thereof at December 31 of current year:		Yes[]	No [X
12.0	•	Letters of Credit	\$		0
		Collateral and other funds	\$		0

GENERAL INTERROGATORIES

PART 2 - PROPERTY & CASUALTY INTERROGATORIES

13.1	Largest	net aggregate amount insured	in any one risk	(excluding	workers	s' compensation):						\$	463,85	50,000
13.2		y reinsurance contract conside ement provision?	red in the calcu	ulation of th	is amou	nt include an ago	rega	ate limit of recover	ry wi	thout also including	а		Yes[]	No [X]
13.3		e number of reinsurance contra or facultative obligatory contrac					, but	including facultati	ive p	rograms, automatic				3
14.1	Is the re	porting entity a cedant in a mul	tiple cedant rei	nsurance c	ontract?)							Yes [X]	No []
14.2	The me	ease describe the method of a ethod of allocating and recording contract terms with respect to in	ng reinsurance	with outside	de reins	urers is based p			com	pany's share of oc	curen	ce and		
14.3	•	swer to 14.1 is yes, are the me			•		ne re	spective multiple	ceda	ant reinsurance con	tracts	?	Yes[]	No [X]
14.4		swer to 14.3 is no, are all the m				•							Yes [X]	
14.5		swer to 14.4 is no, please expla			,									
15.1	Has the	reporting entity guaranteed any	financed prer	nium accou	nts?								Yes[]	No [X]
15.2	If yes, gi	ve full information												
16.1	Does the	e reporting entity write any warr	anty business?	?									Yes[]	No [X]
	If yes, di	sclose the following information	for each of the	e following	types o	•	ge:							
			D: 4	1	Б.	2		3		4		5		
				Losses ırred	Direc	t Losses Unpaid		Direct Written Premium		Direct Premium Unearned		Direct Premium Earned		
	16.11	Home	\$	0	\$	0	\$	0	\$	0	\$	0		
	16.12	Products	\$	0	\$	0	\$	0	\$	0	\$	0		
	16.13	Automobile	\$	0	\$	0	\$	0	\$	0	\$	0		
	16.14	Other*	\$	0	\$	0	\$	0	\$	0	\$	0		
	* Discl	ose type of coverage:												
17.1	Does the	e reporting entity include amou	nts recoverable	on unauth	orized r	einsurance in Scl	nedu	le F-Part 3 that it	excl	udes from Schedule	F-Pa	art 5.	Yes [X]	No []
		but not reported losses on con dule F-Part 5. Provide the follow					uent	tly renewed are e	xem	ot from inclusion				
	17.11	Gross amount of unauthoriz	-				n Sch	nedule F-Part 5				\$	17.	730,000
	17.12	Unfunded portion of Interrog										\$		730,000
	17.13	Paid losses and loss adjustr	•	portion of	nterrog	atory 17.11						\$,	0
	17.14	Case reserves portion of Into	·		Ū	,						\$		0
	17.15	Incurred but not reported po	rtion of Interrog	gatory 17.1	1							\$	17,7	730,000
	17.16	Unearned premium portion	of Interrogatory	, 17.11								\$	·	0
	17.17	Contingent commission port	ion of Interroga	atory 17.11								\$		0
		the following information for all	•	•	n Sched	ule F-Part 3 and	exclu	uded from Schedu	ule F	-Part 5, not included	d abo	ve.		-
	17.18	Gross amount of unauthoriz								,		\$		0
	17.19	Unfunded portion of Interrog	atory 17.18									\$		0
	17.20	Paid losses and loss adjustr	nent expenses	portion of	nterrog	atory 17.18						\$		0
	17.21	Case reserves portion of Inte			,							\$		0
	17.22	Incurred but not reported po			8							\$		0
	17.23	Unearned premium portion		•								\$		0
	17.24	Contingent commission port										.		0
18.1		act as a custodian for health sa	-	-									Yes[]	No [X]
18.2	•	lease provide the amount of cu	•		e report	ing date.						\$		0
18.3	Do you a	act as an administrator for healt	h savings acco	ounts?									Yes[]	No [X]
18.4	If yes, pl	lease provide the balance of the	e funds admini	stered as o	f the rep	orting date.						\$		0

Annual Statement for the year 2017 of the FACTORY MUTUAL INSURANCE COMPANY **FIVE-YEAR HISTORICAL DATA**

Show amounts in whole dollars only, no cents; show percentages to one decimal place, i.e. 17.6.

	Snow amounts in whole dollars only, no cents; sn	1	2	3	4	5
		2017	2016	2015	2014	2013
	Gross Premiums Written (Page 8, Part 1B, Cols. 1, 2 & 3)					
1.	$Liability\ lines\ (Lines\ 11.1,\ 11.2,\ 16,\ 17.1,\ 17.2,\ 17.3,\ 18.1,\ 18.2,\ 19.1,\ 19.2\ \&\ 19.3,\ 19.4)$					
2.	Property lines (Lines 1, 2, 9, 12, 21 & 26)		2,831,744,004	2,824,409,792		3,097,178,280
3.	Property and liability combined lines (Lines 3, 4, 5, 8, 22 & 27)		918,789,317	854,847,276	604,298,111	625,021,876
4.	All other lines (Lines 6, 10, 13, 14, 15, 23, 24, 28, 29, 30 & 34)					
5.	Nonproportional reinsurance lines (Lines 31, 32 & 33)		282,961,068	283,483,936	291,938,101	287,474,672
6.	Total (Line 35)	4,125,864,741	4,033,494,389	3,962,741,004	3,967,219,069	4,009,674,828
	Net Premiums Written (Page 8, Part 1B, Col. 6)					
	$Liability\ lines\ (Lines\ 11.1,\ 11.2,\ 16,\ 17.1,\ 17.2,\ 17.3,\ 18.1,\ 18.2,\ 19.1,\ 19.2\ \&\ 19.3,\ 19.4)$					
8.	Property lines (Lines 1, 2, 9, 12, 21 & 26)		1,857,014,780	1,878,091,814		
9.	Property and liability combined lines (Lines 3, 4, 5, 8, 22 & 27)				484,707,776	500,505,204
10.	All other lines (Lines 6, 10, 13, 14, 15, 23, 24, 28, 29, 30 & 34)					
11.	Nonproportional reinsurance lines (Lines 31, 32 & 33)				<i>' '</i>	223,201,615
12.	Total (Line 35)	2,894,642,719	2,795,212,346	2,782,092,559	2,838,499,563	2,824,538,713
40	Statement of Income (Page 4)	(, , , == , == , == , == ,	4=0.004.050	0=0=====		=0.4.000.0==
	Net underwriting gain (loss) (Line 8)				633,290,990	
14.	Net investment gain (loss) (Line 11)			,,	367,023,124	, , .
15.	Total other income (Line 15)					
16.	Dividends to policyholders (Line 17)					
	Federal and foreign income taxes incurred (Line 19)				<i>' '</i>	, , , , , , , , , , , , , , , , , , ,
18.	Net income (Line 20)	(333,403,925)	9/5,100	550,079,112	670,824,380	662,486,251
10	Balance Sheet Lines (Pages 2 and 3)	10 155 164 005	40.704.000.400	45 000 005 000	45 070 005 000	42 705 740 002
	Total admitted assets excluding protected cell business (Page 2, Line 26, Col. 3)	19, 155,464,895	16,764,262,160	15,082,895,828	15,070,065,036	13,795,712,203
20.	Premiums and considerations (Page 2, Col. 3): 20.1 In course of collection (Line 15.1)	E07 444 204	E20 24E 400	494 296 202	541,984,725	44E E46 704
	20.2 Deferred and not yet due (Line 15.1)					
	20.3 Accrued retrospective premiums (Line 15.3)					
21	Total liabilities excluding protected cell business (Page 3, Line 26)		5,244,906,593	5,136,241,827	4,928,219,299	4,642,256,727
22.	Losses (Page 3, Line 1)		1,742,695,515	1,930,207,036	1,692,117,034	1,766,167,326
23.	Losses (Page 3, Line 1)		158,637,459	1,950,207,030	158,858,474	158,359,867
24.	Unearned premiums (Page 3, Line 9)		1,391,724,586	1,415,616,390	1,417,758,943	1,312,020,891
	Capital paid up (Page 3, Lines 30 & 31)		1,331,724,300	1,413,010,330	1,417,730,343	1,312,020,031
	Surplus as regards policyholders (Page 3, Line 37)		11,519,355,567	10,546,654,001	10,141,845,737	9,153,455,476
20.	Cash Flow (Page 5)	12,301,777,004	11,010,000,001	10,040,004,001	10, 14 1,043,737	5, 105,455,476
27	Net cash from operations (Line 11)	201 644 577	424 876 007	532 796 242	587 410 630	426,310,102
	Risk-Based Capital Analysis	201,011,011	12 1,07 0,007	002,7 00,2 12		120,010,102
28.	Total adjusted capital	12 501 777 004	11,519,355,567	10 546 654 001	10,141,845,737	9,153,455,476
	Authorized control level risk-based capital		1,246,919,588		1,117,514,713	
	Percentage Distribution of Cash, Cash Equivalents and Invested Assets	, , , , , ,	, ,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	, ,,,,,,,	, , , ,	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,
	(Page 2, Col. 3) (Item divided by Page 2, Line 12, Col. 3) x 100.0					
30.	Bonds (Line 1)	25.5	26.6	26.4	25.1	27.3
31.	Stocks (Lines 2.1 & 2.2)				57.5	
32.	Mortgage loans on real estate (Lines 3.1 & 3.2)					
33.	Real estate (Lines 4.1, 4.2 & 4.3)					
34.	Cash, cash equivalents and short-term investments (Line 5)					
35.	Contract loans (Line 6)					
36.	Derivatives (Line 7)					
37.	Other invested assets (Line 8)					
38	Receivables for securities (Line 9)	0.0	0.0	0.0	0.1	0.0
39.	Securities lending reinvested collateral assets (Line 10)	0.2	0.3	0.4	0.2	0.4
40.	Aggregate write-ins for invested assets (Line 11)					
41.	Cash, cash equivalents and invested assets (Line 12)	100.0	100.0	100.0	100.0	100.0
	Investments in Parent, Subsidiaries and Affiliates					
42.	Affiliated bonds (Sch. D, Summary, Line 12, Col. 1)					
43.	Affiliated preferred stocks (Sch. D, Summary, Line 18, Col. 1)					
44.	Affiliated common stocks (Sch. D, Summary, Line 24, Col. 1)	3,617,278,129	2,885,607,991	2,691,526,706	2,597,913,531	2,309,437,037
45.	Affiliated short-term investments					
	(subtotals included in Schedule DA, Verification, Column 5, Line 10)					
46.	Affiliated mortgage loans on real estate					
47.	All other affiliated			993,433,806	943,670,260	819,309,638
48.	Total of above lines 42 to 47			3,684,960,512		
49.	Total investment in parent included in Lines 42 to 47 above					
50.	Percentage of investments in parent, subsidiaries and affiliates to surplus					
	as regards policyholders (Line 48 above divided by Page 3, Col. 1, Line 37 x 100.0)	37.6	34.2	34.9	34.9	25.2

Annual Statement for the year 2017 of the FACTORY MUTUAL INSURANCE COMPANY **FIVE-YEAR HISTORICAL DATA**

(Continued)

	(Contin	nuea)				
		1	2	3	4	5
		2017	2016	2015	2014	2013
	Capital and Surplus Accounts (Page 4)					
51.	Net unrealized capital gains (losses) (Line 24)	1,573,545,106	373,743,063	(65,463,722)	378,973,160	932,692,210
52.	Dividends to stockholders (Line 35)					
53.	Change in surplus as regards policyholders for the year (Line 38)	982,421,437	972,701,566	404,808,264	988,390,261	1,628,333,410
	Gross Losses Paid (Page 9, Part 2, Cols. 1 & 2)					
54.	Liability lines (Lines 11.1, 11.2, 16, 17.1, 17.2, 17.3, 18.1, 18.2, 19.1, 19.2 & 19.3, 19.4)	27,600,996	18,759,299	24,125,531	26,005,142	19,099,435
55.	Property lines (Lines 1, 2, 9, 12, 21 & 26)	1,498,962,956	1,146,240,352	1,227,888,342	1,185,499,720	1,571,799,881
56.	Property and liability combined lines (Lines 3, 4, 5, 8, 22 & 27)	424,977,539	331,667,312	254,298,560	263,220,123	297,046,626
57.	All other lines (Lines 6, 10, 13, 14, 15, 23, 24, 28, 29, 30 & 34)	(56,027)	(53,778)	(47,733)	(43,293)	(108,793
58.	Nonproportional reinsurance lines (Lines 31, 32 & 33)	74,273,971	463,555,731	145,710,557	220,535,156	166,553,606
59.	Total (Line 35)		1,960,168,916	1,651,975,257	1,695,216,848	2,054,390,755
	Net Losses Paid (Page 9, Part 2, Col. 4)					
60.	Liability lines (Lines 11.1, 11.2, 16, 17.1, 17.2, 17.3, 18.1, 18.2, 19.1, 19.2 & 19.3, 19.4)	1,171,215	5,248,431	6,234,447	6,673,061	4,023,716
61.	Property lines (Lines 1, 2, 9, 12, 21 & 26)					
62.	Property and liability combined lines (Lines 3, 4, 5, 8, 22 & 27)	330,100,177	269,960,196	228,099,399	230,408,075	253,186,348
63.	All other lines (Lines 6, 10, 13, 14, 15, 23, 24, 28, 29, 30 & 34)	(56,027)	(53,778)	(47,733)	(43,293)	(108,793
64.	Nonproportional reinsurance lines (Lines 31, 32 & 33)					
65.	Total (Line 35)		1,624,155,147		1,345,206,261	
	Operating Percentages (Page 4) (Item divided by Page 4, Line 1) x 100.0					
66.	Premiums earned (Line 1)	100.0	100.0	100.0	100.0	100.0
67.	Losses incurred (Line 2)		51.0			
68.	Loss expenses incurred (Line 3)		3.5	3.7		
69.	Other underwriting expenses incurred (Line 4)				26.7	
70.	Net underwriting gain (loss) (Line 8)				23.2	
	Other Percentages					
71.	Other underwriting expenses to net premiums written (Page 4, Lines 4 + 5 - 15					
	divided by Page 8, Part 1B, Col. 6, Line 35 x 100.0)	30.6	29.5	29.2	26.3	27.6
72.	Losses and loss expenses incurred to premiums earned					
	(Page 4, Lines 2 + 3 divided by Page 4, Line 1 x 100.0)	109.1	54.5	58.0	50.2	50.6
73.	Net premiums written to policyholders' surplus (Page 8, Part 1B, Col. 6, Line 35, divided by Page 3, Line 37, Col. 1 x 100.0)	23.2	24.3	26.4	28.0	30.9
	One Year Loss Development (\$000 omitted)					
74.	Development in estimated losses and loss expenses incurred prior to current year (Schedule P, Part 2-Summary, Line 12, Col. 11)	(35,596)	(195,335)	40,397	(159,404)	166,153
75.	Percent of development of losses and loss expenses incurred to policyholders' surplus of prior year-end (Line 74 above divided by Page 4, Line 21, Col. 1 x 100)	(0.3)	(1.9)	0.4	(1.7)	2.2
	Two Year Loss Development (\$000 omitted)					
76.	Development in estimated losses and loss expenses incurred 2 years before the					
	current year and prior year (Schedule P, Part 2-Summary, Line 12, Col. 12)	(203,489)	38,362	(103,555)	42,105	7,621
77.	Percent of development of losses and loss expenses incurred to reported policyholders' surplus of second prior-year end	(4.0)	0.4	/A A\	0.0	0.4
	(Line 76 above divided by Page 4, Line 21, Col. 2 x 100.0)	(1.9)	U.4	[(1.1)	U.b	L0.1

If a party to a merger, have the two most recent years of this exhibit been restated due to a merger in compliance with the disclosure requirements of SSAP No. 3, Accounting Changes and Correction of Errors? Yes [] No [] If no, please explain:

SCHEDULE P - ANALYSIS OF LOSSES AND LOSS EXPENSES

SCHEDULE P - PART 1 - SUMMARY

(\$000 Omitted)

		Premiums Earne	d			l nee and	Loss Expense	Payments				12
Years in Which		2	3				and Cost		and Other	10	11	Number
Premiums		_		Loss Pa	avments		nt Payments	, ,	nents	10		of
Were				4	5	6	7	8	9	Salvage	Total	Claims
Earned and	Direct			Direct		Direct		Direct		and	Net Paid	Reported-
Losses Were	and		Net	and		and		and		Subrogation	(Cols. 4 - 5 +	Direct and
Incurred	Assumed	Ceded	(Cols. 1 - 2)	Assumed	Ceded	Assumed	Ceded	Assumed	Ceded	Received	6 - 7 + 8 - 9)	Assumed
1. Prior	XXX	XXX	XXX	54,977	33,669	4,409	1,703	7	(7)	1,864	24,029	XXX
2. 2008	3,043,700	719,342	2,324,358	2,732,539	766,845	26,768	2,285	74,423	9,782	23,595	2,054,817	XXX
3. 2009	3,358,963	757,262	2,601,701	798,682	131,635	26,344	143	89,373	2,439	9,521	780,181	XXX
4. 2010	3,230,937	829,057	2,401,879	1,499,050	197,729	2,769	3,941	64,693	19,060	13,436	1,345,782	XXX
5. 2011	3,374,597	847,435	2,527,162	3,427,072	1,014,165	7,618	501	84,342	8,192	13,651	2,496,173	XXX
6. 2012	3,803,061	959,893	2,843,168	2,153,499	524,922	29,019	4,988	75,542	4,869	11,351	1,723,281	XXX
7. 2013	3,870,242	1,096,002	2,774,240	1,278,770	174,187	14,382	2,305	76,814	4,226	7,917	1,189,248	XXX
8. 2014	3,881,846	1,149,085	2,732,761	1,579,800	228,307	7,839	1,277	81,840	4,803	7,409	1,435,092	XXX
9. 2015	3,948,178	1,163,942	2,784,236	1,551,301	373,358	8,369	608	85,062	5,606	3,604	1,265,160	XXX
10. 2016	4,013,303	1,194,199	2,819,104	1,626,018	283,574	6,284	1,305	83,317	5,734	(206)	1,425,005	XXX
11. 2017	4,261,210	1,234,915	3,026,295	1,089,761	213,555	2,600	621	50,980	4,176	(392)	924,989	XXX
12. Totals	XXX	XXX	XXX.	.17.791.468	3.941.946	136.401	19.677	766.393	68.882	91.750	14.663.757	XXX

Г		I								A dimetira -	and Other	00	24	25
			Lanna	Unnoid		Defer	and Coat (Containment I	Innaid	, ,	and Other	23	24 Total	25
		Casa	Basis	Unpaid	· IBNR		nse and Cost (Basis	Bulk +		21	paid 22		Total Net	Number of
		13	14	15	16	17	18	19	20	21	22	Salvage	Losses	Claims
		Direct	14	Direct	10	Direct	10	Direct	20	Direct		and	and	Outstanding-
		and		and		and		and		and		Subrogation	Expenses	Direct and
		Assumed	Ceded	Assumed	Ceded	Assumed	Ceded	Assumed	Ceded	Assumed	Ceded	Anticipated	Unpaid	Assumed
Ī	1. Prior	207,020	68,058	762,820	336,115	25,208	9,967	10,478		43,710			635,093	XXX
	2. 2008	(270)	305			0						1,202	(574)	XXX
	3. 2009	(1,120)				2						1,387	(1,118)	XXX
	4. 2010	(1,294)	516	6,480		5						1,572	4,675	XXX
	5. 2011	5,418		5,830		17						2,773	11,264	XXX
	6. 2012	7,223	59,199	53,983		2,258				9,010		3,883	13,274	XXX
	7. 2013	4,216		17,887		15						5,362	22,117	XXX
	8. 2014	13,636	1,285	29,606		179		576		831		10,076	43,544	XXX
	9. 2015	79,135	19,743	26,288		431		1,115		1,824		13,615	89,052	XXX
	10. 2016	275,581	47,932	53,152		1,671		1,489		7,756		20,970	291,716	XXX
	11. 2017	2,717,112	660,887	257,338		20,601		1,377		92,361		25,661	2,427,903	XXX
	12. Totals	3,306,657	857,924	1,213,384	336,115	50,387	9,967	15,035	0	155,492	0	86,500	3,536,947	XXX

										34		
			Total Losses and			Loss Expense P			abular		Net Balar	
			s Expenses Incu			red/Premiums E			ount			ter Discount
		26	27	28	29	30	31	32	33	Inter-Company	35	36
		Direct			Direct					Pooling		Loss
		and			and				Loss	Participation	Losses	Expenses
		Assumed	Ceded	Net	Assumed	Ceded	Net	Loss	Expense	Percentage	Unpaid	Unpaid
1.	Prior	XXX	XXX	XXX	XXX	XXX	XXX			XXX	565,666	69,428
2	2008.	2,833,460	779,217	2,054,244	93.1	108.3	88.4			86.00	(574)	0
3.	2009.	913,281	134,218	779,063	27.2	17.7	29.9			86.00	(1,120)	2
4	2010.	1,571,703	221,246	1,350,457	48.6	26.7	56.2			86.00	4,670	5
5.	2011.	3,530,296	1,022,858	2,507,438	104.6	120.7	99.2			86.00	11,248	17
6	2012.	2,330,533	593,978	1,736,555	61.3	61.9	61.1			86.00	2,007	11,267
7.	2013.	1,392,083	180,718	1,211,365	36.0	16.5	43.7			86.00	22,102	15
8	2014.	1,714,308	235,672	1,478,636	44.2	20.5	54.1			86.00	41,958	1,586
9	2015.	1,753,526	399,315	1,354,211	44.4	34.3	48.6			86.00	85,680	3,371
10	. 2016.	2,055,267	338,546	1,716,721	51.2	28.3	60.9			86.00	280,800	10,916
11	. 2017.	4,232,131	879,238	3,352,892	99.3	71.2	110.8			86.00	2,313,564	114,339
12	. Totals	XXX	XXX	XXX	XXX	XXX	XXX	0	0	XXX	3,326,001	210,947

Note: Parts 2 and 4 are gross of all discounting, including tabular discounting. Part 1 is gross of only nontabular discounting, which is reported in Columns 32 and 33 of Part 1. The tabular discount, if any, is reported in the Notes to Financial Statements, which will reconcile Part 1 with Parts 2 and 4.

SCHEDULE P - PART 2 - SUMMARY

		Incurre	ed Net Losses a	and Defense an	d Cost Containr	ment Expenses	Reported at Ye	ar End (\$000 o	mitted)		DEVELO	PMENT
	1	2	3	4	5	6	7	8	9	10	11	12
Years in Which												
Losses Were Incurred	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	One Year	Two Year
1. Prior	723,751	852,435	845,132	814,816	793,588	937,215	918,051	976,658	969,094	1,013,087	43,993	36,430
2. 2008	2,095,256	2,017,961	2,002,859	1,959,567	1,949,603	1,965,413	1,975,103	1,980,919	1,995,553	1,989,603	(5,950)	8,684
3. 2009	XXX	956,813	714,739	700,137	690,547	682,041	679,110	686,699	694,554	692,129	(2,425)	5,430
4. 2010	XXX	XXX	1,406,985	1,352,657	1,320,660	1,301,569	1,305,138	1,308,961	1,301,080	1,304,825	3,745	(4,136)
5. 2011	XXX	XXX	XXX	2,479,920	2,469,746	2,428,480	2,427,646	2,444,981	2,446,224	2,431,288	(14,936)	(13,693)
6. 2012	XXX	XXX	XXX	XXX	1,725,297	1,800,876	1,686,498	1,670,435	1,672,794	1,656,873	(15,922)	(13,562)
7. 2013	XXX	XXX	XXX	XXX	XXX	1,177,143	1,141,787	1,120,529	1,129,488	1,138,777	9,289	18,248
8. 2014	XXX	XXX	XXX	XXX	XXX	XXX	1,443,839	1,428,387	1,406,746	1,400,768	(5,978)	(27,619)
9. 2015	XXX	XXX	XXX	XXX	XXX	XXX	XXX	1,486,201	1,292,901	1,272,931	(19,970)	(213,270)
10. 2016	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	1,658,825	1,631,383	(27,442)	XXX
11. 2017	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	3,213,727	XXX	XXX
										12. Totals	(35,596)	(203,489)

SCHEDULE P - PART 3 - SUMMARY

				001122			0 - 0011					
		Cumulativ	e Paid Net Loss	ses and Defense	e and Cost Con	tainment Expen	ses Reported a	t Year End (\$0)	00 omitted)		11	12
	1	2	3	4	5	6	7	8	9	10		Number of
											Number of	Claims
Years in											Claims	Closed
Which											Closed With	Without
Losses Were											Loss	Loss
Incurred	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	Payment	Payment
1. Prior	000	159,390	246,384	292,627	327,109	333,744	356,410	374,425	397,690	421,704	XXX	XXX
2. 2008	809,114	1,655,559	1,806,101	1,882,171	1,920,965	1,913,816	1,981,751	1,980,255	1,995,875	1,990,177	XXX	XXX
3. 2009	XXX	248,998	561,340	654,992	669,541	676,518	678,380	692,656	692,845	693,247	XXX	XXX
4. 2010	XXX	XXX	570,851	1,160,032	1,243,217	1,285,493	1,295,729	1,299,229	1,300,562	1,300,149	XXX	XXX
5. 2011	XXX	XXX	XXX	932,506	2,007,368	2,329,682	2,393,496	2,433,480	2,426,944	2,420,024	XXX	XXX
6. 2012	XXX	XXX	XXX	XXX	825,034	1,483,598	1,613,320	1,645,102	1,654,853	1,652,608	XXX	XXX
7. 2013	XXX	XXX	XXX	XXX	XXX	445,342	899,390	1,060,981	1,107,358	1,116,660	XXX	XXX
8. 2014	XXX	XXX	XXX	XXX	XXX	XXX	614,658	1,207,921	1,337,214	1,358,055	XXX	XXX
9. 2015	XXX	XXX	XXX	XXX	XXX	XXX	XXX	432,313	1,048,080	1,185,704	XXX	XXX
10. 2016	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	804,181	1,347,423	XXX	XXX
11. 2017	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	878,185	XXX	XXX

SCHEDULE P - PART 4 - SUMMARY

				00112		- I WIXI -					
			Bulk and	IBNR Reserves	on Net Losses and	Defense and Cos	st Containment Ex	penses Reported a	at Year End (\$000	omitted)	
		1	2	3	4	5	6	7	8	9	10
	Years in Which sses Were										
I	ncurred	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017
1.	Prior	382,564	466,700	415,079	357,700	316,461	435,500	387,780	440,344	413,233	437,182
2.	2008	218,816	95,581	69,585	45,397	36,994	4,000				
3.	2009	XXX	188,283	41,256	20,071	15,061	12,500	5,277		2,998	
4.	2010	XXX	XXX	177,613	55,746	31,655	23,161	15,410	12,960	4,397	6,480
5.	2011	XXX	XXX	XXX	214,129	138,016	36,642	20,449	14,155	14,795	5,830
6.	2012	XXX	XXX	XXX	XXX	116,482	80,940	63,888	57,928	78,316	53,983
7.	2013	XXX	XXX	XXX	XXX	XXX	106,725	55,669	17,921	17,303	17,887
8.	2014	XXX	XXX	XXX	XXX	XXX	XXX	116,703	35,052	29,778	30,183
9.	2015	XXX	XXX	XXX	XXX	XXX	XXX	XXX	185,875	62,669	27,404
10.	2016	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	148,632	54,641
11.	2017	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	XXX	258,716

Annual Statement for the year 2017 of the FACTORY MUTUAL INSURANCE COMPANY **SCHEDULE T - EXHIBIT OF PREMIUMS WRITTEN**

				Allocated by	States and	Γerritories				
		1	Gross Premiums, I		4	5	6	7	8	9
			Membership Fees Le		Dividends Paid	5			Finance and	Direct Premiums
			and Premiums on	Policies Not Taken 3	or Credited to Policyholders	Direct Losses Paid			Service	Written for Federal Pur-
		Active	2 Direct Premiums	Direct Premiums	on Direct	(Deducting	Direct Losses	Direct Losses	Charges not Included	chasing Groups
	States, Etc.	Status	Written	Earned	Business	Salvage)	Incurred	Unpaid	in Premiums	(Incl. in Col. 2)
1.	AlabamaAL	L	28,603,524	31,708,740		6,804,852	5,148,946	5,897,318		(
2.	AlaskaAK	L	11,705,117	13,449,823			519,402	930,935		
3.	ArizonaAZ		34,130,243	35,860,105		25,848,128	15,560,162	20,156,945		
4.	ArkansasAR		20,904,756	22,628,976		9,285,028	7,555,119	8,264,071		
5.	CaliforniaCA		347,962,062	369,457,742			105,237,270	93,868,290		
6.	ColoradoCO		21,171,735	22,561,292			54,848,405	43,964,692		
7.	ConnecticutCT		26,647,322	30,726,358		3,651,395	7,918,483	10,200,268		
8.	DelawareDE		2,240,765	2,576,419			3,266,488	3,252,247		
9.	District of ColumbiaDC		10,368,242	10,995,099			3,269,768	5,252,247		
10.	FloridaFL		108,611,340	115,307,691			211,216,132	183,407,819		
11.	GeorgiaGA		67,393,690	68,076,937			51,119,079			
	GeorgiaGA	L						61,599,309		
12.	HawaiiHI		7,340,929	7,803,135			327,417	410,774		
13.	ldahoID		9,571,903	10,351,454			(30,079)	1,076,746		
14.	IllinoisIL	L	82,200,975	88,233,779		-,,	21,583,928	38,995,635		
15.	IndianaIN			43,792,263		- , ,	25,616,988	18,461,782		
16.	lowaIA		30,051,766	29,719,081			21,166,823	17,232,370		
17.	KansasKS		16,105,222	17,132,657			19,658,888	10,016,804		
18.	KentuckyKY		47,351,418	52,763,034		, ,	12,271,840	14,374,365		
19.	LouisianaLA		48,248,973	53,099,169		-,,	35,489,977	59,639,898		
20.	MaineME		8,556,693	9,217,831		5,315,541	1,482,289	2,179,340		
21.	MarylandMD	L	26,638,274	29,075,147		48,261,747	37,477,927	23,163,928		
22.	MassachusettsMA		52,076,255	55,171,828		13,430,399	18,812,040	29,625,465		
23.	MichiganMI		42,189,937	47,066,399			11,849,263	15,588,430		
24.	MinnesotaMN		40,025,212	41,246,826			12,503,731	9,944,748		
25.	MississippiMS		18,681,131	20,408,955			1,364,107	1,181,984		
26.	MissouriMO		36,675,295	39,610,612			21,349,438	14,725,650		
27.	MontanaMT		5,236,248	5,858,271			11,870,256	4,295,753		
28.	NebraskaNE		13,648,964	13,849,405		' '	5,179,712	3,769,203		
29.	NevadaNV		21,143,561	22,806,653			21,250,643	19,528,825		
30.	New HampshireNH		7,627,984	8,563,003			344,216	4,615,976		
	New JerseyNJ	L	41,724,779	41,703,860			18,703,805	32,532,853		
31.	New MexicoNM			6,677,402						
32.			5,653,152				3,716,380	6,771,382		
33.	New YorkNY		104,391,357	105,352,807		, , .	111,990,533	316,987,674		
34.	North CarolinaNC		55,200,499	66,744,451		,,	45,172,422	37,370,715		
35.	North DakotaND		19,323,989	19,937,265		' '	(17,370,636)	10,766,727		
36.	OhioOH		60,378,257	67,710,251			25,571,839	50,969,105		
37.	OklahomaOK		23,495,025	24,275,683			8,604,837	7,382,185		
38.	OregonOR	L		37,882,204		1,616,853	6,013,664	4,645,274		
39.	PennsylvaniaPA	L	94,191,627	102,159,352		24,310,501	16,008,853	49,749,001		
40.	Rhode IslandRI	L	8,500,104	8,806,872		1,226,745	2,919,770	4,254,668		
41.	South CarolinaSC	L	36,707,913	38,775,237		25,260,013	13,917,782	21,663,013		
42.	South DakotaSD	L	5,991,340	5,782,665			195,759	195,759		
43.	TennesseeTN	L	55,992,965	60,985,549		59,052,640	264,081,578	253,032,942		
44.	TexasTX	L	190,901,546	198,375,678		227,991,882	490,418,858	431,840,160		
45.	UtahUT		17,132,023	18,638,018			3,408,632	4,035,633		
46.	VermontVT		5,157,844	5,965,228		502,513	2,709,188	2,280,320		
47.	VirginiaVA		36,645,626	41,036,646		550,106	10,936,283	8,950,098		
48.	WashingtonWA		57,768,978	64,294,313		6,922,479	28,050,502	21,545,837		
49.	West VirginiaWV		4,842,618	5,653,147		21,260,717	818,002	1,877,954		
50.	WisconsinWI	L	00 000 000	42,807,863		1,960,328	14,949,066	10,442,673		
50.	WyomingWY			9,652,476		1,960,326	(677,724)	4,973,894		
52.	American SamoaAS		238	292						
53.	GuamGU	L	272,227	306,805		04 770 045	000 440 740	040 500 000		
54.	Puerto RicoPR	L	23,036,061	23,711,117		21,776,812	639,440,713	619,598,839		
55.	US Virgin IslandsVI	L	137,592	139,002			12,804,987	12,804,987		
56.	Northern Mariana IslandsMP	L	29,672	29,736						
57.	CanadaCAN	L	279,789,365	282,157,376		140,686,461	216,862,861	187,552,528		
58.	Aggregate Other AlienOT	XXX	255,286,212	255,835,398	0	100,721,891	96,249,871	136,672,843	0	0
59.	Totals	(a)55	2,699,271,004	2,854,515,377	0	.1,346,161,446	.2,760,726,482	.2,965,218,113	0	0
				DETA	ILS OF WRITE-IN	IS				
58001.	AFG AFGHANISTAN	XXX	94,294	72,952						
	DZA ALGERIA	XXX	161,235	161,243						
	AGO ANGOLA	XXX	139,688	102,625					1	

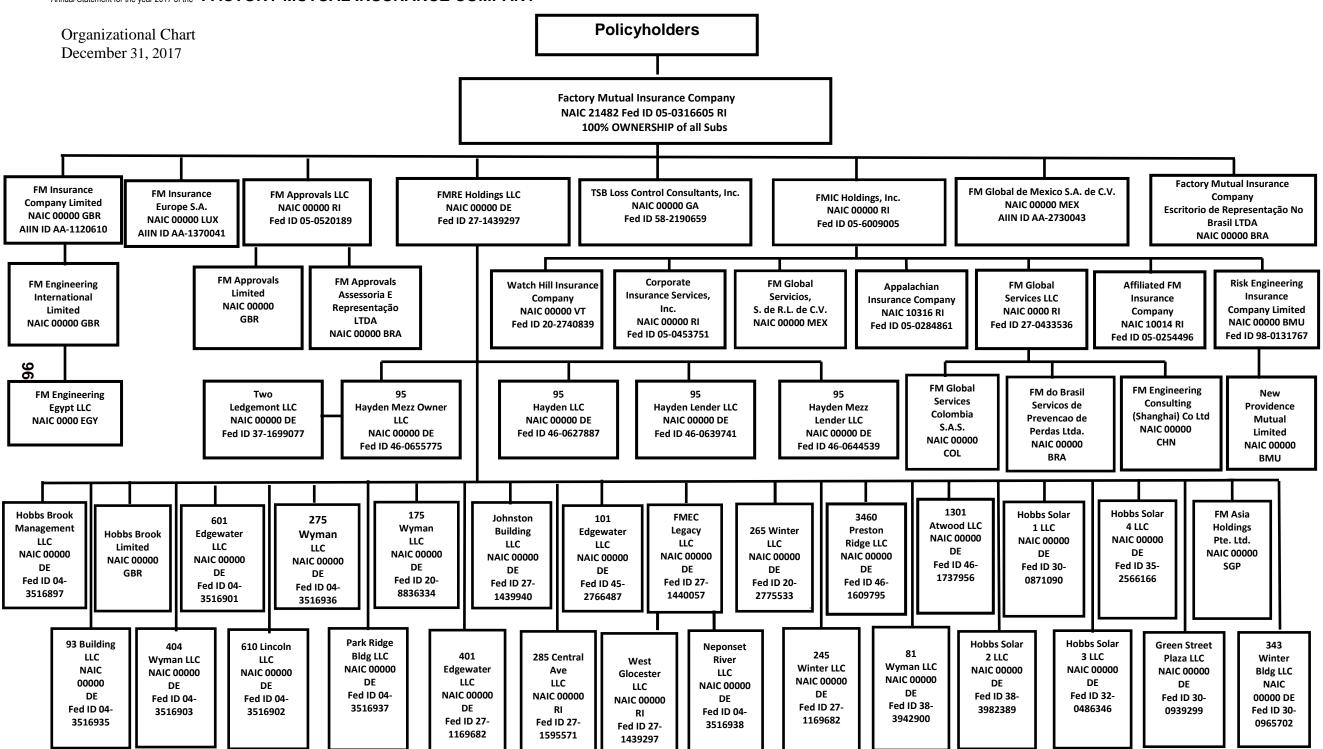
DETAILS OF WRITE-INS											
58001. AFG AFGHANISTAN	XXX	94,294	72,952								
58002. DZA ALGERIA	XXX	161,235	161,243								
58003. AGO ANGOLA	XXX	139,688	102,625								
58998. Summary of remaining write-ins for											
Line 58 from overflow page	XXX	254,890,995	255,498,578	0	100,721,891	96,249,871	136,672,843	0	0		
58999. Totals (Lines 58001 thru 58003+											
Line 58998) (Line 58 above)	XXX	255,286,212	255,835,398	0	100,721,891	96,249,871	136,672,843	00	0		

⁽L) - Licensed or Chartered - Licensed Insurance Carrier or Domiciled RRG; (R) - Registered - Non-domiciled RRGs; (Q) - Qualified - Qualified or Accredited Reinsurer; (E) - Eligible - Reporting Entities eligible or approved to write Surplus Lines in the state (other than their state of domicile see DSLI); (D) - DSLI - Domestic Surplus Lines Insurer (DSLI) - Reporting entities authorized to write Surplus Lines in the state of domicile; (N) - None of the above - Not allowed to write business in the state.

Explanation of Basis of Allocation of Premiums by States, etc.

All premiums are allocated to the location of the property insured.

Insert the number of D and L responses except for Canada and Other Alien.



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